



THE UNIVERSITY OF BURDWAN

B.SC. 3-YEAR DEGREE HONOURS FINAL EXAMINATION 2021 UNDER CBCS

GRADE CARD

Name: **ABHAY GUPTA**Registration No. **201801044164** of **2018-19**Roll No. **180340500001**

B.Sc. Honours in Chemistry (CBCS)										
Semester No.	Subject	Course Code	Course Title	Grade (G)	Credit Value (V)	Grade Point (G×V)	Credit Retained Year	SGPA on the basis of		Result Code
								CCs & DSEs	All Courses	
I	CHEMISTRY	CC-1	Organic Chemistry-I	4	6	24	2018	4.50	4.64	Q
		CC-2	Physical Chemistry-I	5	6	30	2018			
	MATHEMATICS	GE-1	Differential Calculus	4	6	24	2018			
	ENVIRONMENTAL STUDIES	AECC-1	Fundamentals of Environmental Studies	6	4	24	2018			
II	CHEMISTRY	CC-3	Inorganic Chemistry-I	4	6	24	2019	4.50	4.50	Q
		CC-4	Organic Chemistry-II	5	6	30	2019			
	PHYSICS	GE-2	Electricity and Magnetism	4	6	24	2019			
	Communicative English/MIL	AECC-2	Communicative English	6	2	12	2019			
III	CHEMISTRY	CC-5	Physical Chemistry-II	4	6	24	2019	4.33	4.69	Q
		CC-6	Inorganic Chemistry-II	4	6	24	2019			
		CC-7	Organic Chemistry-III	5	6	30	2019			
	MATHEMATICS	GE-3	Real Analysis	6	6	36	2019			
	CHEMISTRY	SEC-1	Basic Analytical Chemistry	4	2	8	2019			
IV	CHEMISTRY	CC-8	Physical Chemistry-III	7	6	42	2020	6.67	6.54	Q
		CC-9	Inorganic Chemistry-III	7	6	42	2020			
		CC-10	Organic Chemistry - IV	6	6	36	2020			
	PHYSICS	GE-4	Waves and Optics	6	6	36	2020			
	CHEMISTRY	SEC-2	Analytical Clinical Biochemistry	7	2	14	2020			
V	CHEMISTRY	CC-11	Inorganic Chemistry-IV	7	6	42	2020	7.25	7.25	Q
		CC-12	Organic Chemistry-V	6	6	36	2020			
	CHEMISTRY	DSE-1	Advanced Physical Chemistry	8	6	48	2020			
		DSE-2	Analytical Methods in Chemistry	8	6	48	2020			
VI	CHEMISTRY	CC-13	Inorganic Chemistry-V	7	6	42	2021	7.50	7.50	Q
		CC-14	Physical Chemistry-IV	8	6	48	2021			
	CHEMISTRY	DSE-3	Polymer Chemistry	9	6	54	2021			
		DSE-4	Dissertation Followed by Power Point Presentation	6	6	36	2021			
CGPA (Cumulative Grade Point Average) on the basis of CCs & DSEs : 6.11							Letter Grade in CGPA : B+	Result : Q		
CGPA (Cumulative Grade Point Average) on the basis of All Courses : 5.90										


Date of Publication of Result: 26.08.2021

$$SGPA(S) = \frac{\sum_{i=1}^n (G_i \times V_i)}{\sum_{i=1}^n V_i} \quad CGPA = \frac{\sum_{i=1}^n (V_i \times S_i)}{\sum_{i=1}^n V_i}$$

Anindya Zoti Pal

Controller of the Examinations

Course Types	CGPA Letter Grades				Result Codes
CC – Core Course	CGPA	Letter Grade	CGPA	Letter Grade	Q - Qualified
GE – Generic Elective	9 and above	O (Outstanding)	5 to below 6	B (Average)	SNC – Semester Not Cleared
DSE – Discipline Specific Elective	8 to below 9	A+ (Excellent)	4 to below 5	P (Pass)	PNC – Programme Not Cleared [CGPA on the basis of CCs and DSEs < 5 or any one or more semester(s) are not cleared]
SEC – Skill Enhancement Course	7 to below 8	A (Very Good)	Below 4	F (Fail)	
AECC – Ability Enhancement Compulsory Course	6 to below 7	B+ (Good)			NC denotes “Not Computed” due to absence in C1, C2 and C4 as applicable.

	Grade Point Norms				Percentage of Conversion Formula: = (SGPA or CGPA × 10) - 5.0 *Letter Grade in CGPA is awarded on the basis of CCs and DSEs
	90% to 100%	10	80% and above but below 90%	9	
	70% and above but below 80%	8	60% and above but below 70%	7	
	50% and above but below 60%	6	40% and above but below 50%	5	
	35% and above but below 40%	4	Below 35%	Not Awarded (NA)	



THE UNIVERSITY OF BURDWAN

B.SC. 3-YEAR DEGREE HONOURS FINAL EXAMINATION 2021 UNDER CBCS

GRADE CARD

Name: **ABIR ROY CHOWDHURY**Registration No. **201801044165** of 2018-19Roll No. **180340500002**

B.Sc. Honours in Mathematics (CBCS)										
Semester No.	Subject	Course Code	Course Title	Grade (G)	Credit Value (V)	Grade Point (G×V)	Credit Retained Year	SGPA on the basis of		Result Code
								CCs & DSEs	All Courses	
I	MATHEMATICS	CC-1	Calculus, Geometry & Differential Equations	9	6	54	2018	8.50	7.82	Q
		CC-2	Algebra	8	6	48	2018			
	PHYSICS	GE-1	Mechanics	7	6	42	2018			
	ENVIRONMENTAL STUDIES	AECC-1	Fundamentals of Environmental Studies	7	4	28	2018			
II	MATHEMATICS	CC-3	Real Analysis	10	6	60	2019	9.50	8.60	Q
		CC-4	Differential Equations and Vector Calculus	9	6	54	2019			
	CHEMISTRY	GE-2	States of Matter & Chemical Kinetics, Chemical Bonding & Molecular Structure, P-Block Elements	7	6	42	2019			
	Communicative English/MIL	AECC-2	Bengali	8	2	16	2019			
III	MATHEMATICS	CC-5	Theory of Real Functions & Introduction to Metric Spaces	6	6	36	2019	6.33	6.92	Q
		CC-6	Group Theory I	6	6	36	2019			
		CC-7	Numerical Methods	7	6	42	2019			
	PHYSICS	GE-3	Thermal Physics and Statistical Mechanics	8	6	48	2019			
MATHEMATICS	SEC-1	Logic and Sets	9	2	18	2019				
IV	MATHEMATICS	CC-8	Riemann Integration and Series of Functions	8	6	48	2020	8.33	8.23	Q
		CC-9	Multivariate Calculus	8	6	48	2020			
		CC-10	Ring Theory and Linear Algebra I	9	6	54	2020			
	CHEMISTRY	GE-4	Solution Phase Equilibria, Conductance, Electrochemistry, Analytical & Environmental Chemistry	8	6	48	2020			
MATHEMATICS	SEC-2	Graph Theory	8	2	16	2020				
V	MATHEMATICS	CC-11	Partial Differential Equations and Applications	10	6	60	2020	10.00	10.00	Q
		CC-12	Mechanics I	10	6	60	2020			
	MATHEMATICS	DSE-1	Linear Programming	10	6	60	2020			
		DSE-2	Probability & Statistics	10	6	60	2020			
VI	MATHEMATICS	CC-13	Metric Spaces and Complex Analysis	10	6	60	2021	10.00	10.00	Q
		CC-14	Ring Theory and Linear Algebra II	10	6	60	2021			
	MATHEMATICS	DSE-3	Project Work	10	6	60	2021			
		DSE-4	Mechanics II	10	6	60	2021			
CGPA (Cumulative Grade Point Average) on the basis of CCs & DSEs : 8.89							Letter Grade in CGPA : A+	Result : Q		
CGPA (Cumulative Grade Point Average) on the basis of All Courses : 8.58										

Date of Publication of Result: 26.08.2021

$$SGPA(S) = \frac{\sum_{i=1}^n (G_i \times V_i)}{\sum_{i=1}^n V_i} \quad CGPA = \frac{\sum_{i=1}^n (V_i \times S_i)}{\sum_{i=1}^n V_i}$$

Anindya Zoti Pal

Controller of the Examinations

Course Types	CGPA Letter Grades				Result Codes
CC – Core Course	CGPA	Letter Grade	CGPA	Letter Grade	Q - Qualified
GE – Generic Elective	9 and above	O (Outstanding)	5 to below 6	B (Average)	SNC – Semester Not Cleared
DSE – Discipline Specific Elective	8 to below 9	A+ (Excellent)	4 to below 5	P (Pass)	PNC – Programme Not Cleared [CGPA on the basis of CCs and DSEs < 5 or any one or more semester(s) are not cleared]
SEC – Skill Enhancement Course	7 to below 8	A (Very Good)	Below 4	F (Fail)	
AECC – Ability Enhancement Compulsory Course	6 to below 7	B+ (Good)			NC denotes “Not Computed” due to absence in C1, C2 and C4 as applicable.

Grade Point Norms	Percentage of Conversion Formula:		
	90% to 100%	10	80% and above but below 90%
70% and above but below 80%	8	60% and above but below 70%	7
50% and above but below 60%	6	40% and above but below 50%	5
35% and above but below 40%	4	Below 35%	Not Awarded (NA)

*Letter Grade in CGPA is awarded on the basis of CCs and DSEs



THE UNIVERSITY OF BURDWAN

B.SC. 3-YEAR DEGREE HONOURS FINAL EXAMINATION 2021 UNDER CBCS

GRADE CARD

Name: AMARTYA DAS

Registration No. 201701042601 of 2017-18

Roll No.180340500004

B.Sc. Honours in Geology (CBCS)										
Semester No.	Subject	Course Code	Course Title	Grade (G)	Credit Value (V)	Grade Point (G×V)	Credit Retained Year	SGPA on the basis of		Result Code
								CCs & DSEs	All Courses	
I	GEOLOGY	CC-1	Earth System Science	10	6	60	2018	9.50	8.45	Q
		CC-2	Mineral Science	9	6	54	2018			
	MATHEMATICS	GE-1	Differential Calculus	8	6	48	2018			
	ENVIRONMENTAL STUDIES	AECC-1	Fundamentals of Environmental Studies	6	4	24	2018			
II	GEOLOGY	CC-3	Elements of Geochemistry	9	6	54	2019	9.00	8.70	Q
		CC-4	Structural Geology	9	6	54	2019			
	PHYSICS	GE-2	Electricity and Magnetism	8	6	48	2019			
	Communicative English/MIL	AECC-2	Communicative English	9	2	18	2019			
III	GEOLOGY	CC-5	Igneous Petrology	9	6	54	2019	8.67	8.77	Q
		CC-6	Sedimentology	8	6	48	2019			
		CC-7	Paleontology	9	6	54	2019			
	MATHEMATICS	GE-3	Real Analysis	9	6	54	2019			
	GEOLOGY	SEC-1	Basic Field Training	9	2	18	2019			
IV	GEOLOGY	CC-8	Metamorphic Petrology	9	6	54	2020	9.67	9.54	Q
		CC-9	Principles of Stratigraphy and Precambrian Stratigraphy of India	10	6	60	2020			
		CC-10	Phanerozoic Stratigraphy of India	10	6	60	2020			
	PHYSICS	GE-4	Waves and Optics	9	6	54	2020			
	GEOLOGY	SEC-2	Geological Mapping and Structural Geology Field	10	2	20	2020			
V	GEOLOGY	CC-11	Hydrogeology	10	6	60	2020	9.25	9.25	Q
		CC-12	Economic Geology	9	6	54	2020			
	GEOLOGY	DSE-1	Geodynamics	9	6	54	2020			
		DSE-2	Introduction to Geophysics	9	6	54	2020			
VI	GEOLOGY	CC-13	Geomorphology, Remote Sensing & GIS	9	6	54	2021	8.50	8.50	Q
		CC-14	Engineering Geology	9	6	54	2021			
	GEOLOGY	DSE-3	Fuel Geology	7	6	42	2021			
		DSE-4	Evolution of Life Through Time	9	6	54	2021			
CGPA (Cumulative Grade Point Average) on the basis of CCs & DSEs : 9.06							Letter Grade in CGPA : O	Result : Q		
CGPA (Cumulative Grade Point Average) on the basis of All Courses : 8.89										


Date of Publication of Result: 26.08.2021

$$SGPA(S) = \frac{\sum_{i=1}^n (G_i \times V_i)}{\sum_{i=1}^n V_i} \quad CGPA = \frac{\sum_{i=1}^n (V_i \times S_i)}{\sum_{i=1}^n V_i}$$

Anindya Zoti Pal

Controller of the Examinations

Course Types	CGPA Letter Grades				Result Codes
CC – Core Course	CGPA	Letter Grade	CGPA	Letter Grade	Q - Qualified
GE – Generic Elective	9 and above	O (Outstanding)	5 to below 6	B (Average)	SNC – Semester Not Cleared
DSE – Discipline Specific Elective	8 to below 9	A+ (Excellent)	4 to below 5	P (Pass)	PNC – Programme Not Cleared [CGPA on the basis of CCs and DSEs < 5 or any one or more semester(s) are not cleared]
SEC – Skill Enhancement Course	7 to below 8	A (Very Good)	Below 4	F (Fail)	
AECC – Ability Enhancement Compulsory Course	6 to below 7	B+ (Good)			NC denotes “Not Computed” due to absence in C1, C2 and C4 as applicable.

	Grade Point Norms				Percentage of Conversion Formula: = (SGPA or CGPA × 10) - 5.0 *Letter Grade in CGPA is awarded on the basis of CCs and DSEs
	90% to 100%	10	80% and above but below 90%	9	
	70% and above but below 80%	8	60% and above but below 70%	7	
	50% and above but below 60%	6	40% and above but below 50%	5	
	35% and above but below 40%	4	Below 35%	Not Awarded (NA)	



THE UNIVERSITY OF BURDWAN

B.SC. 3-YEAR DEGREE HONOURS FINAL EXAMINATION 2021 UNDER CBCS

GRADE CARD

Name: AMISHA DEY

Registration No. 201801044167 of 2018-19

Roll No.180340500005

B.Sc. Honours in Physiology (CBCS)										
Semester No.	Subject	Course Code	Course Title	Grade (G)	Credit Value (V)	Grade Point (G×V)	Credit Retained Year	SGPA on the basis of		Result Code
								CCs & DSEs	All Courses	
I	PHYSIOLOGY	CC-1	Cellular Basis of Physiology	6	6	36	2018	6.00	5.64	Q
		CC-2	Biological Physics and Enzymes	6	6	36	2018			
	CHEMISTRY	GE-1	Atomic Structure, Chemical Periodicity, Acids And Bases, Redox Reactions, General Organic Chemistry & Aliphatic Hydrocarbons	4	6	24	2018			
		AECC-1	Fundamentals of Environmental Studies	7	4	28	2018			
II	PHYSIOLOGY	CC-3	Physiology of Nerve and Muscle Cells	8	6	48	2019	8.50	7.70	Q
		CC-4	Chemistry of Biomolecules	9	6	54	2019			
	ZOOLOGY	GE-2	Comparative Anatomy & Developmental Biology of Vertebrates	6	6	36	2019			
	Communicative English/MIL	AECC-2	Communicative English	8	2	16	2019			
III	PHYSIOLOGY	CC-5	Circulating Body Fluids	7	6	42	2019	7.00	6.23	Q
		CC-6	Circulation	7	6	42	2019			
		CC-7	Functions of The Nervous System	7	6	42	2019			
	CHEMISTRY	GE-3	Chemical Energetic, Equilibria, Organic Chemistry	4	6	24	2019			
PHYSIOLOGY	SEC-1	Detection of Food Additives/Adulterants	6	2	12	2019				
IV	PHYSIOLOGY	CC-8	Energy Balance, Metabolism and Nutrition	8	6	48	2020	8.33	8.15	Q
		CC-9	Gastrointestinal Function	9	6	54	2020			
		CC-10	Respiration	8	6	48	2020			
	ZOOLOGY	GE-4	Genetics and Evolutionary Biology	8	6	48	2020			
	PHYSIOLOGY	SEC-2	Hematological Techniques	7	2	14	2020			
V	PHYSIOLOGY	CC-11	Special Senses	8	6	48	2020	8.50	8.50	Q
		CC-12	Endocrinology	9	6	54	2020			
	PHYSIOLOGY	DSE-1	Biological Statistics	9	6	54	2020			
		DSE-2	Sports and Exercise Physiology	8	6	48	2020			
VI	PHYSIOLOGY	CC-13	Reproduction	8	6	48	2021	8.75	8.75	Q
		CC-14	Formation and Excretion of Urine	9	6	54	2021			
	PHYSIOLOGY	DSE-3	Genetics and Molecular Biology	9	6	54	2021			
		DSE-4	Toxicology	9	6	54	2021			
CGPA (Cumulative Grade Point Average) on the basis of CCs & DSEs : 8.00							Letter Grade in CGPA : A+	Result : Q		
CGPA (Cumulative Grade Point Average) on the basis of All Courses : 7.51										

Date of Publication of Result: 26.08.2021

$$SGPA(S) = \frac{\sum_{i=1}^n (G_i \times V_i)}{\sum_{i=1}^n V_i} \quad CGPA = \frac{\sum_{i=1}^n (V_i \times S_i)}{\sum_{i=1}^n V_i}$$

Anindya Zoti Pal

Controller of the Examinations

Course Types	CGPA Letter Grades				Result Codes
CC – Core Course	CGPA	Letter Grade	CGPA	Letter Grade	Q - Qualified
GE – Generic Elective	9 and above	O (Outstanding)	5 to below 6	B (Average)	SNC – Semester Not Cleared
DSE – Discipline Specific Elective	8 to below 9	A+ (Excellent)	4 to below 5	P (Pass)	PNC – Programme Not Cleared [CGPA on the basis of CCs and DSEs.<5 or any one or more semester(s) are not cleared]
SEC – Skill Enhancement Course	7 to below 8	A (Very Good)	Below 4	F (Fail)	
AECC – Ability Enhancement Compulsory Course	6 to below 7	B+ (Good)			NC denotes “Not Computed” due to absence in C1, C2 and C4 as applicable.

Grade Point Norms	Percentage of Conversion Formula: = (SGPA or CGPA × 10) - 5.0		
	90% to 100%	10	80% and above but below 90%
70% and above but below 80%	8	60% and above but below 70%	7
50% and above but below 60%	6	40% and above but below 50%	5
35% and above but below 40%	4	Below 35%	Not Awarded (NA)



THE UNIVERSITY OF BURDWAN

B.SC. 3-YEAR DEGREE HONOURS FINAL EXAMINATION 2021 UNDER CBCS

GRADE CARD

Name: ANKITA DEY

Registration No. 201801044170 of 2018-19

Roll No.180340500008

B.Sc. Honours in Physiology (CBCS)										
Semester No.	Subject	Course Code	Course Title	Grade (G)	Credit Value (V)	Grade Point (G×V)	Credit Retained Year	SGPA on the basis of		Result Code
								CCs & DSEs	All Courses	
I	PHYSIOLOGY	CC-1	Cellular Basis of Physiology	7	6	42	2018	7.50	6.82	Q
		CC-2	Biological Physics and Enzymes	8	6	48	2018			
	CHEMISTRY	GE-1	Atomic Structure, Chemical Periodicity, Acids And Bases, Redox Reactions, General Organic Chemistry & Aliphatic Hydrocarbons	6	6	36	2018			
		AECC-1	Fundamentals of Environmental Studies	6	4	24	2018			
II	PHYSIOLOGY	CC-3	Physiology of Nerve and Muscle Cells	8	6	48	2019	8.50	7.70	Q
		CC-4	Chemistry of Biomolecules	9	6	54	2019			
	ZOOLOGY	GE-2	Comparative Anatomy & Developmental Biology of Vertebrates	6	6	36	2019			
	Communicative English/MIL	AECC-2	Communicative English	8	2	16	2019			
III	PHYSIOLOGY	CC-5	Circulating Body Fluids	8	6	48	2019	8.00	7.38	Q
		CC-6	Circulation	8	6	48	2019			
		CC-7	Functions of The Nervous System	8	6	48	2019			
	CHEMISTRY	GE-3	Chemical Energetic, Equilibria, Organic Chemistry	6	6	36	2019			
PHYSIOLOGY	SEC-1	Detection of Food Additives/Adulterants	6	2	12	2019				
IV	PHYSIOLOGY	CC-8	Energy Balance, Metabolism and Nutrition	9	6	54	2020	9.00	8.69	Q
		CC-9	Gastrointestinal Function	9	6	54	2020			
		CC-10	Respiration	9	6	54	2020			
	ZOOLOGY	GE-4	Genetics and Evolutionary Biology	8	6	48	2020			
	PHYSIOLOGY	SEC-2	Hematological Techniques	8	2	16	2020			
V	PHYSIOLOGY	CC-11	Special Senses	9	6	54	2020	8.75	8.75	Q
		CC-12	Endocrinology	9	6	54	2020			
	PHYSIOLOGY	DSE-1	Biological Statistics	9	6	54	2020			
		DSE-2	Sports and Exercise Physiology	8	6	48	2020			
VI	PHYSIOLOGY	CC-13	Reproduction	9	6	54	2021	9.00	9.00	Q
		CC-14	Formation and Excretion of Urine	9	6	54	2021			
	PHYSIOLOGY	DSE-3	Genetics and Molecular Biology	9	6	54	2021			
		DSE-4	Toxicology	9	6	54	2021			
CGPA (Cumulative Grade Point Average) on the basis of CCs & DSEs : 8.56							Letter Grade in CGPA : A+	Result : Q		
CGPA (Cumulative Grade Point Average) on the basis of All Courses : 8.08										

Date of Publication of Result: 26.08.2021

$$SGPA(S) = \frac{\sum_{i=1}^n (G_i \times V_i)}{\sum_{i=1}^n V_i} \quad CGPA = \frac{\sum_{i=1}^n (V_i \times S_i)}{\sum_{i=1}^n V_i}$$

Anindya Zoti Pal

Controller of the Examinations

Course Types	CGPA Letter Grades				Result Codes
CC – Core Course	CGPA	Letter Grade	CGPA	Letter Grade	Q - Qualified
GE – Generic Elective	9 and above	O (Outstanding)	5 to below 6	B (Average)	SNC – Semester Not Cleared
DSE – Discipline Specific Elective	8 to below 9	A+ (Excellent)	4 to below 5	P (Pass)	PNC – Programme Not Cleared [CGPA on the basis of CCs and DSEs.<5 or any one or more semester(s) are not cleared]
SEC – Skill Enhancement Course	7 to below 8	A (Very Good)	Below 4	F (Fail)	
AECC – Ability Enhancement Compulsory Course	6 to below 7	B+ (Good)			NC denotes “Not Computed” due to absence in C1, C2 and C4 as applicable.

Grade Point Norms	Percentage of Conversion Formula:		
	90% to 100%	10	80% and above but below 90%
70% and above but below 80%	8	60% and above but below 70%	7
50% and above but below 60%	6	40% and above but below 50%	5
35% and above but below 40%	4	Below 35%	Not Awarded (NA)

*Letter Grade in CGPA is awarded on the basis of CCs and DSEs



THE UNIVERSITY OF BURDWAN

B.SC. 3-YEAR DEGREE HONOURS FINAL EXAMINATION 2021 UNDER CBCS

GRADE CARD

Name: ANKITA KOLEY

Registration No. 201801044171 of 2018-19

Roll No.180340500009

B.Sc. Honours in Physiology (CBCS)										
Semester No.	Subject	Course Code	Course Title	Grade (G)	Credit Value (V)	Grade Point (G×V)	Credit Retained Year	SGPA on the basis of		Result Code
								CCs & DSEs	All Courses	
I	PHYSIOLOGY	CC-1	Cellular Basis of Physiology	9	6	54	2018	9.00	8.64	Q
		CC-2	Biological Physics and Enzymes	9	6	54	2018			
	CHEMISTRY	GE-1	Atomic Structure, Chemical Periodicity, Acids And Bases, Redox Reactions, General Organic Chemistry & Aliphatic Hydrocarbons	9	6	54	2018			
		AECC-1	Fundamentals of Environmental Studies	7	4	28	2018			
II	PHYSIOLOGY	CC-3	Physiology of Nerve and Muscle Cells	9	6	54	2019	9.00	8.40	Q
		CC-4	Chemistry of Biomolecules	9	6	54	2019			
	ZOOLOGY	GE-2	Comparative Anatomy & Developmental Biology of Vertebrates	7	6	42	2019			
	Communicative English/MIL	AECC-2	Communicative English	9	2	18	2019			
III	PHYSIOLOGY	CC-5	Circulating Body Fluids	9	6	54	2019	9.00	8.31	Q
		CC-6	Circulation	9	6	54	2019			
		CC-7	Functions of The Nervous System	9	6	54	2019			
	CHEMISTRY	GE-3	Chemical Energetic, Equilibria, Organic Chemistry	7	6	42	2019			
PHYSIOLOGY	SEC-1	Detection of Food Additives/Adulterants	6	2	12	2019				
IV	PHYSIOLOGY	CC-8	Energy Balance, Metabolism and Nutrition	9	6	54	2020	9.33	9.15	Q
		CC-9	Gastrointestinal Function	10	6	60	2020			
		CC-10	Respiration	9	6	54	2020			
	ZOOLOGY	GE-4	Genetics and Evolutionary Biology	9	6	54	2020			
	PHYSIOLOGY	SEC-2	Hematological Techniques	8	2	16	2020			
V	PHYSIOLOGY	CC-11	Special Senses	8	6	48	2020	8.25	8.25	Q
		CC-12	Endocrinology	9	6	54	2020			
	PHYSIOLOGY	DSE-1	Biological Statistics	8	6	48	2020			
		DSE-2	Sports and Exercise Physiology	8	6	48	2020			
VI	PHYSIOLOGY	CC-13	Reproduction	9	6	54	2021	9.00	9.00	Q
		CC-14	Formation and Excretion of Urine	9	6	54	2021			
	PHYSIOLOGY	DSE-3	Genetics and Molecular Biology	9	6	54	2021			
		DSE-4	Toxicology	9	6	54	2021			
CGPA (Cumulative Grade Point Average) on the basis of CCs & DSEs : 8.89							Letter Grade in CGPA : A+	Result : Q		
CGPA (Cumulative Grade Point Average) on the basis of All Courses : 8.63										


Date of Publication of Result: 26.08.2021

$$SGPA(S) = \frac{\sum_{i=1}^n (G_i \times V_i)}{\sum_{i=1}^n V_i} \quad CGPA = \frac{\sum_{i=1}^n (V_i \times S_i)}{\sum_{i=1}^n V_i}$$

Anindya Zoti Pal

Controller of the Examinations

Course Types	CGPA Letter Grades				Result Codes
CC – Core Course	CGPA	Letter Grade	CGPA	Letter Grade	Q - Qualified
GE – Generic Elective	9 and above	O (Outstanding)	5 to below 6	B (Average)	SNC – Semester Not Cleared
DSE – Discipline Specific Elective	8 to below 9	A+ (Excellent)	4 to below 5	P (Pass)	PNC – Programme Not Cleared [CGPA on the basis of CCs and DSEs.<5 or any one or more semester(s) are not cleared]
SEC – Skill Enhancement Course	7 to below 8	A (Very Good)	Below 4	F (Fail)	
AECC – Ability Enhancement Compulsory Course	6 to below 7	B+ (Good)			NC denotes “Not Computed” due to absence in C1, C2 and C4 as applicable.

	Grade Point Norms				Percentage of Conversion Formula: = (SGPA or CGPA × 10) - 5.0 *Letter Grade in CGPA is awarded on the basis of CCs and DSEs
	90% to 100%	10	80% and above but below 90%	9	
	70% and above but below 80%	8	60% and above but below 70%	7	
	50% and above but below 60%	6	40% and above but below 50%	5	
35% and above but below 40%	4	Below 35%	Not Awarded (NA)		



THE UNIVERSITY OF BURDWAN

B.SC. 3-YEAR DEGREE HONOURS FINAL EXAMINATION 2021 UNDER CBCS GRADE CARD

Name: ARANNYA ROY

Registration No. 201801044173 of 2018-19

Roll No. 180340500011

B.Sc. Honours in Geology (CBCS)										
Semester No.	Subject	Course Code	Course Title	Grade (G)	Credit Value (V)	Grade Point (G×V)	Credit Retained Year	SGPA on the basis of		Result Code
								CCs & DSEs	All Courses	
I	GEOLOGY	CC-1	Earth System Science	10	6	60	2018	10.00	9.18	Q
		CC-2	Mineral Science	10	6	60	2018			
	MATHEMATICS	GE-1	Differential Calculus	9	6	54	2018			
	ENVIRONMENTAL STUDIES	AECC-1	Fundamentals of Environmental Studies	7	4	28	2018			
II	GEOLOGY	CC-3	Elements of Geochemistry	9	6	54	2019	9.00	8.40	Q
		CC-4	Structural Geology	9	6	54	2019			
	PHYSICS	GE-2	Electricity and Magnetism	7	6	42	2019			
	Communicative English/MIL	AECC-2	Communicative English	9	2	18	2019			
III	GEOLOGY	CC-5	Igneous Petrology	9	6	54	2019	8.67	8.54	Q
		CC-6	Sedimentology	9	6	54	2019			
		CC-7	Paleontology	8	6	48	2019			
	MATHEMATICS	GE-3	Real Analysis	8	6	48	2019			
	GEOLOGY	SEC-1	Basic Field Training	9	2	18	2019			
IV	GEOLOGY	CC-8	Metamorphic Petrology	9	6	54	2020	9.33	9.08	Q
		CC-9	Principles of Stratigraphy and Precambrian Stratigraphy of India	10	6	60	2020			
		CC-10	Phanerozoic Stratigraphy of India	9	6	54	2020			
	PHYSICS	GE-4	Waves and Optics	8	6	48	2020			
	GEOLOGY	SEC-2	Geological Mapping and Structural Geology Field	10	2	20	2020			
V	GEOLOGY	CC-11	Hydrogeology	10	6	60	2020	9.75	9.75	Q
		CC-12	Economic Geology	9	6	54	2020			
	GEOLOGY	DSE-1	Geodynamics	10	6	60	2020			
		DSE-2	Introduction to Geophysics	10	6	60	2020			
VI	GEOLOGY	CC-13	Geomorphology, Remote Sensing & GIS	10	6	60	2021	9.75	9.75	Q
		CC-14	Engineering Geology	10	6	60	2021			
	GEOLOGY	DSE-3	Fuel Geology	9	6	54	2021			
		DSE-4	Evolution of Life Through Time	10	6	60	2021			
CGPA (Cumulative Grade Point Average) on the basis of CCs & DSEs : 9.44							Letter Grade in CGPA : O	Result : Q		
CGPA (Cumulative Grade Point Average) on the basis of All Courses : 9.13										


Date of Publication of Result: 26.08.2021

$$SGPA(S) = \frac{\sum_{i=1}^n (G_i \times V_i)}{\sum_{i=1}^n V_i} \quad CGPA = \frac{\sum_{i=1}^n (V_i \times S_i)}{\sum_{i=1}^n V_i}$$

Anindya Zoti Pal

Controller of the Examinations

Course Types	CGPA Letter Grades				Result Codes
CC – Core Course	CGPA	Letter Grade	CGPA	Letter Grade	Q - Qualified
GE – Generic Elective	9 and above	O (Outstanding)	5 to below 6	B (Average)	SNC – Semester Not Cleared
DSE – Discipline Specific Elective	8 to below 9	A+ (Excellent)	4 to below 5	P (Pass)	PNC – Programme Not Cleared [CGPA on the basis of CCs and DSEs < 5 or any one or more semester(s) are not cleared]
SEC – Skill Enhancement Course	7 to below 8	A (Very Good)	Below 4	F (Fail)	
AECC – Ability Enhancement Compulsory Course	6 to below 7	B+ (Good)			NC denotes “Not Computed” due to absence in C1, C2 and C4 as applicable.

	Grade Point Norms				Percentage of Conversion Formula: = (SGPA or CGPA × 10) - 5.0 *Letter Grade in CGPA is awarded on the basis of CCs and DSEs
	90% to 100%	10	80% and above but below 90%	9	
	70% and above but below 80%	8	60% and above but below 70%	7	
	50% and above but below 60%	6	40% and above but below 50%	5	
	35% and above but below 40%	4	Below 35%	Not Awarded (NA)	



THE UNIVERSITY OF BURDWAN

B.SC. 3-YEAR DEGREE HONOURS FINAL EXAMINATION 2021 UNDER CBCS

GRADE CARD

Name: **ARIJIT DEY**Registration No. **201801044174** of **2018-19**Roll No. **180340500012**

B.Sc. Honours in Physics (CBCS)										
Semester No.	Subject	Course Code	Course Title	Grade (G)	Credit Value (V)	Grade Point (G×V)	Credit Retained Year	SGPA on the basis of		Result Code
								CCs & DSEs	All Courses	
I	PHYSICS	CC-1	Mathematical Physics-I	8	6	48	2018	7.50	7.36	Q
		CC-2	Mechanics	7	6	42	2018			
	CHEMISTRY	GE-1	Atomic Structure, Chemical Periodicity, Acids And Bases, Redox Reactions, General Organic Chemistry & Aliphatic Hydrocarbons	8	6	48	2018			
		AECC-1	Fundamentals of Environmental Studies	6	4	24	2018			
II	PHYSICS	CC-3	Electricity and Magnetism	6	6	36	2019	7.00	7.80	Q
		CC-4	Waves and Optics	8	6	48	2019			
	MATHEMATICS	GE-2	Differential Equations	9	6	54	2019			
	Communicative English/MIL	AECC-2	Bengali	9	2	18	2019			
III	PHYSICS	CC-5	Mathematical Physics-II	7	6	42	2019	7.33	7.23	Q
		CC-6	Thermal Physics	7	6	42	2019			
		CC-7	Digital Systems and Applications	8	6	48	2019			
	CHEMISTRY	GE-3	Chemical Energetic, Equilibria, Organic Chemistry	7	6	42	2019			
	PHYSICS	SEC-1	Renewable Energy and Energy Harvesting	7	2	14	2019			
IV	PHYSICS	CC-8	Mathematical Physics-III	8	6	48	2020	8.33	8.46	Q
		CC-9	Elements of Modern Physics	8	6	48	2020			
		CC-10	Analog Systems & Applications	9	6	54	2020			
	MATHEMATICS	GE-4	Algebra	9	6	54	2020			
	PHYSICS	SEC-2	Electrical Circuits and Network Skills	8	2	16	2020			
V	PHYSICS	CC-11	Quantum Mechanics and Applications	9	6	54	2020	9.00	9.00	Q
		CC-12	Solid State Physics	9	6	54	2020			
	PHYSICS	DSE-1	Advanced Mathematical Physics	9	6	54	2020			
		DSE-2	Classical Dynamics	9	6	54	2020			
VI	PHYSICS	CC-13	Electromagnetic Theory	9	6	54	2021	9.00	9.00	Q
		CC-14	Statistical Mechanics	10	6	60	2021			
	PHYSICS	DSE-3	Nuclear and Particle Physics	9	6	54	2021			
		DSE-4	Astronomy and Astrophysics	8	6	48	2021			
CGPA (Cumulative Grade Point Average) on the basis of CCs & DSEs : 8.22							Letter Grade in CGPA : A+	Result : Q		
CGPA (Cumulative Grade Point Average) on the basis of All Courses : 8.15										

Date of Publication of Result: 26.08.2021

$$SGPA(S) = \frac{\sum_{i=1}^n (G_i \times V_i)}{\sum_{i=1}^n V_i} \quad CGPA = \frac{\sum_{i=1}^n (V_i \times S_i)}{\sum_{i=1}^n V_i}$$

Anindya Zoti Pal

Controller of the Examinations

Course Types	CGPA Letter Grades				Result Codes
CC – Core Course	CGPA	Letter Grade	CGPA	Letter Grade	Q - Qualified
GE – Generic Elective	9 and above	O (Outstanding)	5 to below 6	B (Average)	SNC – Semester Not Cleared
DSE – Discipline Specific Elective	8 to below 9	A+ (Excellent)	4 to below 5	P (Pass)	PNC – Programme Not Cleared [CGPA on the basis of CCs and DSEs < 5 or any one or more semester(s) are not cleared]
SEC – Skill Enhancement Course	7 to below 8	A (Very Good)	Below 4	F (Fail)	
AECC – Ability Enhancement Compulsory Course	6 to below 7	B+ (Good)			NC denotes “Not Computed” due to absence in C1, C2 and C4 as applicable.

Grade Point Norms	Percentage of Conversion Formula: = (SGPA or CGPA × 10) - 5.0		
	90% to 100%	10	80% and above but below 90%
70% and above but below 80%	8	60% and above but below 70%	7
50% and above but below 60%	6	40% and above but below 50%	5
35% and above but below 40%	4	Below 35%	Not Awarded (NA)



THE UNIVERSITY OF BURDWAN

B.SC. 3-YEAR DEGREE HONOURS FINAL EXAMINATION 2021 UNDER CBCS

GRADE CARD

Name: ARITRA CHAKRABORTY

Registration No. 201801044176 of 2018-19

Roll No.180340500013

B.Sc. Honours in Physiology (CBCS)										
Semester No.	Subject	Course Code	Course Title	Grade (G)	Credit Value (V)	Grade Point (G×V)	Credit Retained Year	SGPA on the basis of		Result Code
								CCs & DSEs	All Courses	
I	PHYSIOLOGY	CC-1	Cellular Basis of Physiology	7	6	42	2018	7.50	7.27	Q
		CC-2	Biological Physics and Enzymes	8	6	48	2018			
	CHEMISTRY	GE-1	Atomic Structure, Chemical Periodicity, Acids And Bases, Redox Reactions, General Organic Chemistry & Aliphatic Hydrocarbons	7	6	42	2018			
		AECC-1	Fundamentals of Environmental Studies	7	4	28	2018			
II	PHYSIOLOGY	CC-3	Physiology of Nerve and Muscle Cells	7	6	42	2019	8.00	7.80	Q
		CC-4	Chemistry of Biomolecules	9	6	54	2019			
	ZOOLOGY	GE-2	Comparative Anatomy & Developmental Biology of Vertebrates	7	6	42	2019			
	Communicative English/MIL	AECC-2	Communicative English	9	2	18	2019			
III	PHYSIOLOGY	CC-5	Circulating Body Fluids	7	6	42	2019	7.33	7.23	Q
		CC-6	Circulation	7	6	42	2019			
		CC-7	Functions of The Nervous System	8	6	48	2019			
	CHEMISTRY	GE-3	Chemical Energetic, Equilibria, Organic Chemistry	7	6	42	2019			
PHYSIOLOGY	SEC-1	Detection of Food Additives/Adulterants	7	2	14	2019				
IV	PHYSIOLOGY	CC-8	Energy Balance, Metabolism and Nutrition	8	6	48	2020	8.67	8.69	Q
		CC-9	Gastrointestinal Function	9	6	54	2020			
		CC-10	Respiration	9	6	54	2020			
	ZOOLOGY	GE-4	Genetics and Evolutionary Biology	9	6	54	2020			
	PHYSIOLOGY	SEC-2	Hematological Techniques	8	2	16	2020			
V	PHYSIOLOGY	CC-11	Special Senses	9	6	54	2020	8.75	8.75	Q
		CC-12	Endocrinology	9	6	54	2020			
	PHYSIOLOGY	DSE-1	Biological Statistics	9	6	54	2020			
		DSE-2	Sports and Exercise Physiology	8	6	48	2020			
VI	PHYSIOLOGY	CC-13	Reproduction	9	6	54	2021	9.00	9.00	Q
		CC-14	Formation and Excretion of Urine	9	6	54	2021			
	PHYSIOLOGY	DSE-3	Genetics and Molecular Biology	9	6	54	2021			
		DSE-4	Toxicology	9	6	54	2021			
CGPA (Cumulative Grade Point Average) on the basis of CCs & DSEs : 8.33							Letter Grade in CGPA : A+	Result : Q		
CGPA (Cumulative Grade Point Average) on the basis of All Courses : 8.14										

Date of Publication of Result: 26.08.2021

$$SGPA(S) = \frac{\sum_{i=1}^n (G_i \times V_i)}{\sum_{i=1}^n V_i} \quad CGPA = \frac{\sum_{i=1}^n (V_i \times S_i)}{\sum_{i=1}^n V_i}$$

Anindya Zoti Pal

Controller of the Examinations

Course Types	CGPA Letter Grades				Result Codes
CC – Core Course	CGPA	Letter Grade	CGPA	Letter Grade	Q - Qualified
GE – Generic Elective	9 and above	O (Outstanding)	5 to below 6	B (Average)	SNC – Semester Not Cleared
DSE – Discipline Specific Elective	8 to below 9	A+ (Excellent)	4 to below 5	P (Pass)	PNC – Programme Not Cleared [CGPA on the basis of CCs and DSEs.<5 or any one or more semester(s) are not cleared]
SEC – Skill Enhancement Course	7 to below 8	A (Very Good)	Below 4	F (Fail)	
AECC – Ability Enhancement Compulsory Course	6 to below 7	B+ (Good)			NC denotes “Not Computed” due to absence in C1, C2 and C4 as applicable.

Grade Point Norms	Percentage of Conversion Formula:		
	90% to 100%	10	80% and above but below 90%
70% and above but below 80%	8	60% and above but below 70%	7
50% and above but below 60%	6	40% and above but below 50%	5
35% and above but below 40%	4	Below 35%	Not Awarded (NA)

*Letter Grade in CGPA is awarded on the basis of CCs and DSEs



THE UNIVERSITY OF BURDWAN

B.SC. 3-YEAR DEGREE HONOURS FINAL EXAMINATION 2021 UNDER CBCS

GRADE CARD

Name: ARKA DEY

Registration No. 201801044177 of 2018-19

Roll No.180340500014

B.Sc. Honours in Botany (CBCS)										
Semester No.	Subject	Course Code	Course Title	Grade (G)	Credit Value (V)	Grade Point (G×V)	Credit Retained Year	SGPA on the basis of		Result Code
								CCs & DSEs	All Courses	
I	BOTANY	CC-1	Microbiology and Phycology	8	6	48	2018	8.00	7.55	Q
		CC-2	Archegoniatae	8	6	48	2018			
	ZOOLOGY	GE-1	Animal Diversity	7	6	42	2018			
	ENVIRONMENTAL STUDIES	AECC-1	Fundamentals of Environmental Studies	7	4	28	2018			
II	BOTANY	CC-3	Mycology and Phytopathology	8	6	48	2019	8.50	7.30	Q
		CC-4	Morphology and Anatomy of Angiosperms	9	6	54	2019			
	CHEMISTRY	GE-2	States of Matter & Chemical Kinetics, Chemical Bonding & Molecular Structure, P-Block Elements	5	6	30	2019			
	Communicative English/MIL	AECC-2	Communicative English	7	2	14	2019			
III	BOTANY	CC-5	Plant Ecology and Phytogeography	9	6	54	2019	9.00	8.38	Q
		CC-6	Plant Systematics	9	6	54	2019			
		CC-7	Economic Botany	9	6	54	2019			
	ZOOLOGY	GE-3	Physiology and Biochemistry	6	6	36	2019			
BOTANY	SEC-1	Mushroom Culture Technology	10	2	20	2019				
IV	BOTANY	CC-8	Palaeobotany & Palynology	10	6	60	2020	10.00	9.77	Q
		CC-9	Biomolecules and Cell Biology	10	6	60	2020			
		CC-10	Molecular Biology	10	6	60	2020			
	CHEMISTRY	GE-4	Solution Phase Equilibria, Conductance, Electrochemistry, Analytical & Environmental Chemistry	9	6	54	2020			
	BOTANY	SEC-2	Herbal Technology	10	2	20	2020			
V	BOTANY	CC-11	Plant Physiology	10	6	60	2020	10.00	10.00	Q
		CC-12	Plant Metabolism	10	6	60	2020			
	BOTANY	DSE-1	Reproductive Biology of Angiosperms	10	6	60	2020			
		DSE-2	Biostatistics	10	6	60	2020			
VI	BOTANY	CC-13	Genetics & Plant Breeding	10	6	60	2021	9.75	9.75	Q
		CC-14	Plant Biotechnology	10	6	60	2021			
	BOTANY	DSE-3	Plant Evolution & Biodiversity	10	6	60	2021			
		DSE-4	Industrial and Environmental Microbiology	9	6	54	2021			
CGPA (Cumulative Grade Point Average) on the basis of CCs & DSEs : 9.39							Letter Grade in CGPA : O		Result : Q	
CGPA (Cumulative Grade Point Average) on the basis of All Courses : 8.86										

Date of Publication of Result: 26.08.2021

$$SGPA(S) = \frac{\sum_{i=1}^n (G_i \times V_i)}{\sum_{i=1}^n V_i} \quad CGPA = \frac{\sum_{i=1}^n (V_i \times S_i)}{\sum_{i=1}^n V_i}$$

Anindya Zoti Pal

Controller of the Examinations

Course Types	CGPA Letter Grades				Result Codes
CC – Core Course	CGPA	Letter Grade	CGPA	Letter Grade	Q - Qualified
GE – Generic Elective	9 and above	O (Outstanding)	5 to below 6	B (Average)	SNC – Semester Not Cleared
DSE – Discipline Specific Elective	8 to below 9	A+ (Excellent)	4 to below 5	P (Pass)	PNC – Programme Not Cleared [CGPA on the basis of CCs and DSEs < 5 or any one or more semester(s) are not cleared]
SEC – Skill Enhancement Course	7 to below 8	A (Very Good)	Below 4	F (Fail)	
AECC – Ability Enhancement Compulsory Course	6 to below 7	B+ (Good)			NC denotes “Not Computed” due to absence in C1, C2 and C4 as applicable.

Grade Point Norms	Percentage of Conversion Formula: = (SGPA or CGPA × 10) - 5.0		
	90% to 100%	10	80% and above but below 90%
70% and above but below 80%	8	60% and above but below 70%	7
50% and above but below 60%	6	40% and above but below 50%	5
35% and above but below 40%	4	Below 35%	Not Awarded (NA)



THE UNIVERSITY OF BURDWAN

B.SC. 3-YEAR DEGREE HONOURS FINAL EXAMINATION 2021 UNDER CBCS

GRADE CARD

Name: ARNAB SEAL

Registration No. 201801044178 of 2018-19

Roll No.180340500015

B.Sc. Honours in Mathematics (CBCS)										
Semester No.	Subject	Course Code	Course Title	Grade (G)	Credit Value (V)	Grade Point (G×V)	Credit Retained Year	SGPA on the basis of		Result Code
								CCs & DSEs	All Courses	
I	MATHEMATICS	CC-1	Calculus, Geometry & Differential Equations	10	6	60	2018	9.00	8.18	Q
		CC-2	Algebra	8	6	48	2018			
	PHYSICS	GE-1	Mechanics	8	6	48	2018			
	ENVIRONMENTAL STUDIES	AECC-1	Fundamentals of Environmental Studies	6	4	24	2018			
II	MATHEMATICS	CC-3	Real Analysis	10	6	60	2019	9.50	8.70	Q
		CC-4	Differential Equations and Vector Calculus	9	6	54	2019			
	CHEMISTRY	GE-2	States of Matter & Chemical Kinetics, Chemical Bonding & Molecular Structure, P-Block Elements	7	6	42	2019			
	Communicative English/MIL	AECC-2	Bengali	9	2	18	2019			
III	MATHEMATICS	CC-5	Theory of Real Functions & Introduction to Metric Spaces	9	6	54	2019	7.33	7.62	Q
		CC-6	Group Theory I	5	6	30	2019			
		CC-7	Numerical Methods	8	6	48	2019			
	PHYSICS	GE-3	Thermal Physics and Statistical Mechanics	8	6	48	2019			
MATHEMATICS	SEC-1	Logic and Sets	9	2	18	2019				
IV	MATHEMATICS	CC-8	Riemann Integration and Series of Functions	8	6	48	2020	8.67	8.77	Q
		CC-9	Multivariate Calculus	9	6	54	2020			
		CC-10	Ring Theory and Linear Algebra I	9	6	54	2020			
	CHEMISTRY	GE-4	Solution Phase Equilibria, Conductance, Electrochemistry, Analytical & Environmental Chemistry	9	6	54	2020			
MATHEMATICS	SEC-2	Graph Theory	9	2	18	2020				
V	MATHEMATICS	CC-11	Partial Differential Equations and Applications	10	6	60	2020	9.75	9.75	Q
		CC-12	Mechanics I	9	6	54	2020			
	MATHEMATICS	DSE-1	Linear Programming	10	6	60	2020			
		DSE-2	Probability & Statistics	10	6	60	2020			
VI	MATHEMATICS	CC-13	Metric Spaces and Complex Analysis	10	6	60	2021	9.75	9.75	Q
		CC-14	Ring Theory and Linear Algebra II	10	6	60	2021			
	MATHEMATICS	DSE-3	Project Work	10	6	60	2021			
		DSE-4	Mechanics II	9	6	54	2021			
CGPA (Cumulative Grade Point Average) on the basis of CCs & DSEs : 9.06							Letter Grade in CGPA : O	Result : Q		
CGPA (Cumulative Grade Point Average) on the basis of All Courses : 8.79										

Date of Publication of Result: 26.08.2021

$$SGPA(S) = \frac{\sum_{i=1}^n (G_i \times V_i)}{\sum_{i=1}^n V_i} \quad CGPA = \frac{\sum_{i=1}^n (V_i \times S_i)}{\sum_{i=1}^n V_i}$$

Anindya Zoti Pal

Controller of the Examinations

Course Types	CGPA Letter Grades				Result Codes
CC – Core Course	CGPA	Letter Grade	CGPA	Letter Grade	Q - Qualified
GE – Generic Elective	9 and above	O (Outstanding)	5 to below 6	B (Average)	SNC – Semester Not Cleared
DSE – Discipline Specific Elective	8 to below 9	A+ (Excellent)	4 to below 5	P (Pass)	PNC – Programme Not Cleared [CGPA on the basis of CCs and DSEs < 5 or any one or more semester(s) are not cleared]
SEC – Skill Enhancement Course	7 to below 8	A (Very Good)	Below 4	F (Fail)	
AECC – Ability Enhancement Compulsory Course	6 to below 7	B+ (Good)			NC denotes “Not Computed” due to absence in C1, C2 and C4 as applicable.

Grade Point Norms	Grade Point Norms		Percentage of Conversion Formula: = (SGPA or CGPA × 10) - 5.0
	90% to 100%	10	
70% and above but below 80%	8	60% and above but below 70%	7
50% and above but below 60%	6	40% and above but below 50%	5
35% and above but below 40%	4	Below 35%	Not Awarded (NA)



THE UNIVERSITY OF BURDWAN

B.SC. 3-YEAR DEGREE HONOURS FINAL EXAMINATION 2021 UNDER CBCS

GRADE CARD

Name: **ARPA GHOSH**Registration No. **201801044179** of 2018-19Roll No. **180340500016**

B.Sc. Honours in Mathematics (CBCS)										
Semester No.	Subject	Course Code	Course Title	Grade (G)	Credit Value (V)	Grade Point (G×V)	Credit Retained Year	SGPA on the basis of		Result Code
								CCs & DSEs	All Courses	
I	MATHEMATICS	CC-1	Calculus, Geometry & Differential Equations	8	6	48	2018	7.50	7.27	Q
		CC-2	Algebra	7	6	42	2018			
	PHYSICS	GE-1	Mechanics	7	6	42	2018			
	ENVIRONMENTAL STUDIES	AECC-1	Fundamentals of Environmental Studies	7	4	28	2018			
II	MATHEMATICS	CC-3	Real Analysis	10	6	60	2019	9.00	8.50	Q
		CC-4	Differential Equations and Vector Calculus	8	6	48	2019			
	CHEMISTRY	GE-2	States of Matter & Chemical Kinetics, Chemical Bonding & Molecular Structure, P-Block Elements	7	6	42	2019			
	Communicative English/MIL	AECC-2	Bengali	10	2	20	2019			
III	MATHEMATICS	CC-5	Theory of Real Functions & Introduction to Metric Spaces	6	6	36	2019	5.67	6.31	Q
		CC-6	Group Theory I	4	6	24	2019			
		CC-7	Numerical Methods	7	6	42	2019			
	PHYSICS	GE-3	Thermal Physics and Statistical Mechanics	7	6	42	2019			
MATHEMATICS	SEC-1	Logic and Sets	10	2	20	2019				
IV	MATHEMATICS	CC-8	Riemann Integration and Series of Functions	7	6	42	2020	7.33	7.54	Q
		CC-9	Multivariate Calculus	7	6	42	2020			
		CC-10	Ring Theory and Linear Algebra I	8	6	48	2020			
	CHEMISTRY	GE-4	Solution Phase Equilibria, Conductance, Electrochemistry, Analytical & Environmental Chemistry	8	6	48	2020			
MATHEMATICS	SEC-2	Graph Theory	8	2	16	2020				
V	MATHEMATICS	CC-11	Partial Differential Equations and Applications	10	6	60	2020	9.75	9.75	Q
		CC-12	Mechanics I	9	6	54	2020			
	MATHEMATICS	DSE-1	Linear Programming	10	6	60	2020			
		DSE-2	Probability & Statistics	10	6	60	2020			
VI	MATHEMATICS	CC-13	Metric Spaces and Complex Analysis	10	6	60	2021	9.75	9.75	Q
		CC-14	Ring Theory and Linear Algebra II	10	6	60	2021			
	MATHEMATICS	DSE-3	Project Work	10	6	60	2021			
		DSE-4	Mechanics II	9	6	54	2021			
CGPA (Cumulative Grade Point Average) on the basis of CCs & DSEs : 8.33							Letter Grade in CGPA : A+	Result : Q		
CGPA (Cumulative Grade Point Average) on the basis of All Courses : 8.15										

Date of Publication of Result: 26.08.2021

$$SGPA(S) = \frac{\sum_{i=1}^n (G_i \times V_i)}{\sum_{i=1}^n V_i} \quad CGPA = \frac{\sum_{i=1}^n (V_i \times S_i)}{\sum_{i=1}^n V_i}$$

Anindya Zoti Pal

Controller of the Examinations

Course Types	CGPA Letter Grades				Result Codes
CC – Core Course	CGPA	Letter Grade	CGPA	Letter Grade	Q - Qualified
GE – Generic Elective	9 and above	O (Outstanding)	5 to below 6	B (Average)	SNC – Semester Not Cleared
DSE – Discipline Specific Elective	8 to below 9	A+ (Excellent)	4 to below 5	P (Pass)	PNC – Programme Not Cleared [CGPA on the basis of CCs and DSEs < 5 or any one or more semester(s) are not cleared]
SEC – Skill Enhancement Course	7 to below 8	A (Very Good)	Below 4	F (Fail)	
AECC – Ability Enhancement Compulsory Course	6 to below 7	B+ (Good)			NC denotes “Not Computed” due to absence in C1, C2 and C4 as applicable.

Grade Point Norms	Grade Point Norms		Percentage of Conversion Formula: = (SGPA or CGPA × 10) - 5.0
	90% to 100%	10	
70% and above but below 80%	8	60% and above but below 70%	7
50% and above but below 60%	6	40% and above but below 50%	5
35% and above but below 40%	4	Below 35%	Not Awarded (NA)



THE UNIVERSITY OF BURDWAN

B.SC. 3-YEAR DEGREE HONOURS FINAL EXAMINATION 2021 UNDER CBCS GRADE CARD

Name: ARPAN BERA

Registration No. 201801044180 of 2018-19

Roll No.180340500017

B.Sc. Honours in Geology (CBCS)										
Semester No.	Subject	Course Code	Course Title	Grade (G)	Credit Value (V)	Grade Point (G×V)	Credit Retained Year	SGPA on the basis of		Result Code
								CCs & DSEs	All Courses	
I	GEOLOGY	CC-1	Earth System Science	8	6	48	2018	8.50	8.09	Q
		CC-2	Mineral Science	9	6	54	2018			
	MATHEMATICS	GE-1	Differential Calculus	8	6	48	2018			
	ENVIRONMENTAL STUDIES	AECC-1	Fundamentals of Environmental Studies	7	4	28	2018			
II	GEOLOGY	CC-3	Elements of Geochemistry	9	6	54	2019	9.00	8.10	Q
		CC-4	Structural Geology	9	6	54	2019			
	PHYSICS	GE-2	Electricity and Magnetism	6	6	36	2019			
	Communicative English/MIL	AECC-2	Communicative English	9	2	18	2019			
III	GEOLOGY	CC-5	Igneous Petrology	9	6	54	2019	8.00	7.38	Q
		CC-6	Sedimentology	8	6	48	2019			
		CC-7	Paleontology	7	6	42	2019			
	MATHEMATICS	GE-3	Real Analysis	5	6	30	2019			
	GEOLOGY	SEC-1	Basic Field Training	9	2	18	2019			
IV	GEOLOGY	CC-8	Metamorphic Petrology	9	6	54	2020	9.00	8.77	Q
		CC-9	Principles of Stratigraphy and Precambrian Stratigraphy of India	9	6	54	2020			
		CC-10	Phanerozoic Stratigraphy of India	9	6	54	2020			
	PHYSICS	GE-4	Waves and Optics	8	6	48	2020			
	GEOLOGY	SEC-2	Geological Mapping and Structural Geology Field	9	2	18	2020			
V	GEOLOGY	CC-11	Hydrogeology	10	6	60	2020	9.25	9.25	Q
		CC-12	Economic Geology	9	6	54	2020			
	GEOLOGY	DSE-1	Geodynamics	9	6	54	2020			
		DSE-2	Introduction to Geophysics	9	6	54	2020			
VI	GEOLOGY	CC-13	Geomorphology, Remote Sensing & GIS	9	6	54	2021	9.50	9.50	Q
		CC-14	Engineering Geology	10	6	60	2021			
	GEOLOGY	DSE-3	Fuel Geology	9	6	54	2021			
		DSE-4	Evolution of Life Through Time	10	6	60	2021			
CGPA (Cumulative Grade Point Average) on the basis of CCs & DSEs : 8.94							Letter Grade in CGPA : A+	Result : Q		
CGPA (Cumulative Grade Point Average) on the basis of All Courses : 8.52										


Date of Publication of Result: 26.08.2021

$$SGPA(S) = \frac{\sum_{i=1}^n (G_i \times V_i)}{\sum_{i=1}^n V_i} \quad CGPA = \frac{\sum_{i=1}^n (V_i \times S_i)}{\sum_{i=1}^n V_i}$$

Anindya Zoti Pal

Controller of the Examinations

Course Types	CGPA Letter Grades				Result Codes
CC – Core Course	CGPA	Letter Grade	CGPA	Letter Grade	Q - Qualified
GE – Generic Elective	9 and above	O (Outstanding)	5 to below 6	B (Average)	SNC – Semester Not Cleared
DSE – Discipline Specific Elective	8 to below 9	A+ (Excellent)	4 to below 5	P (Pass)	PNC – Programme Not Cleared [CGPA on the basis of CCs and DSEs < 5 or any one or more semester(s) are not cleared]
SEC – Skill Enhancement Course	7 to below 8	A (Very Good)	Below 4	F (Fail)	
AECC – Ability Enhancement Compulsory Course	6 to below 7	B+ (Good)			NC denotes “Not Computed” due to absence in C1, C2 and C4 as applicable.

	Grade Point Norms				Percentage of Conversion Formula: = (SGPA or CGPA × 10) - 5.0 *Letter Grade in CGPA is awarded on the basis of CCs and DSEs
	90% to 100%	10	80% and above but below 90%	9	
	70% and above but below 80%	8	60% and above but below 70%	7	
	50% and above but below 60%	6	40% and above but below 50%	5	
	35% and above but below 40%	4	Below 35%	Not Awarded (NA)	



THE UNIVERSITY OF BURDWAN

B.SC. 3-YEAR DEGREE HONOURS FINAL EXAMINATION 2021 UNDER CBCS GRADE CARD

Name: ARUNANGSHU CHANDA

Registration No. 201801044181 of 2018-19

Roll No.180340500018

B.Sc. Honours in Geology (CBCS)										
Semester No.	Subject	Course Code	Course Title	Grade (G)	Credit Value (V)	Grade Point (G×V)	Credit Retained Year	SGPA on the basis of		Result Code
								CCs & DSEs	All Courses	
I	GEOLOGY	CC-1	Earth System Science	10	6	60	2018	9.50	8.36	Q
		CC-2	Mineral Science	9	6	54	2018			
	MATHEMATICS	GE-1	Differential Calculus	7	6	42	2018			
	ENVIRONMENTAL STUDIES	AECC-1	Fundamentals of Environmental Studies	7	4	28	2018			
II	GEOLOGY	CC-3	Elements of Geochemistry	9	6	54	2019	9.00	8.00	Q
		CC-4	Structural Geology	9	6	54	2019			
	PHYSICS	GE-2	Electricity and Magnetism	6	6	36	2019			
	Communicative English/MIL	AECC-2	Communicative English	8	2	16	2019			
III	GEOLOGY	CC-5	Igneous Petrology	8	6	48	2019	7.33	6.85	Q
		CC-6	Sedimentology	7	6	42	2019			
		CC-7	Paleontology	7	6	42	2019			
	MATHEMATICS	GE-3	Real Analysis	5	6	30	2019			
	GEOLOGY	SEC-1	Basic Field Training	8	2	16	2019			
IV	GEOLOGY	CC-8	Metamorphic Petrology	9	6	54	2020	9.00	8.77	Q
		CC-9	Principles of Stratigraphy and Precambrian Stratigraphy of India	9	6	54	2020			
		CC-10	Phanerozoic Stratigraphy of India	9	6	54	2020			
	PHYSICS	GE-4	Waves and Optics	8	6	48	2020			
	GEOLOGY	SEC-2	Geological Mapping and Structural Geology Field	9	2	18	2020			
V	GEOLOGY	CC-11	Hydrogeology	10	6	60	2020	9.50	9.50	Q
		CC-12	Economic Geology	9	6	54	2020			
	GEOLOGY	DSE-1	Geodynamics	10	6	60	2020			
		DSE-2	Introduction to Geophysics	9	6	54	2020			
VI	GEOLOGY	CC-13	Geomorphology, Remote Sensing & GIS	10	6	60	2021	9.50	9.50	Q
		CC-14	Engineering Geology	10	6	60	2021			
	GEOLOGY	DSE-3	Fuel Geology	8	6	48	2021			
		DSE-4	Evolution of Life Through Time	10	6	60	2021			
CGPA (Cumulative Grade Point Average) on the basis of CCs & DSEs : 9.00							Letter Grade in CGPA : O	Result : Q		
CGPA (Cumulative Grade Point Average) on the basis of All Courses : 8.49										


Date of Publication of Result: 26.08.2021

$$SGPA(S) = \frac{\sum_{i=1}^n (G_i \times V_i)}{\sum_{i=1}^n V_i} \quad CGPA = \frac{\sum_{i=1}^n (V_i \times S_i)}{\sum_{i=1}^n V_i}$$

Anindya Zoti Pal

Controller of the Examinations

Course Types	CGPA Letter Grades				Result Codes
CC – Core Course	CGPA	Letter Grade	CGPA	Letter Grade	Q - Qualified
GE – Generic Elective	9 and above	O (Outstanding)	5 to below 6	B (Average)	SNC – Semester Not Cleared
DSE – Discipline Specific Elective	8 to below 9	A+ (Excellent)	4 to below 5	P (Pass)	PNC – Programme Not Cleared [CGPA on the basis of CCs and DSEs < 5 or any one or more semester(s) are not cleared]
SEC – Skill Enhancement Course	7 to below 8	A (Very Good)	Below 4	F (Fail)	
AECC – Ability Enhancement Compulsory Course	6 to below 7	B+ (Good)			NC denotes “Not Computed” due to absence in C1, C2 and C4 as applicable.

	Grade Point Norms				Percentage of Conversion Formula: = (SGPA or CGPA × 10) - 5.0 *Letter Grade in CGPA is awarded on the basis of CCs and DSEs
	90% to 100%	10	80% and above but below 90%	9	
	70% and above but below 80%	8	60% and above but below 70%	7	
	50% and above but below 60%	6	40% and above but below 50%	5	
	35% and above but below 40%	4	Below 35%	Not Awarded (NA)	



THE UNIVERSITY OF BURDWAN

B.SC. 3-YEAR DEGREE HONOURS FINAL EXAMINATION 2021 UNDER CBCS

GRADE CARD

Name: ARUNIMA DAS

Registration No. 201801044182 of 2018-19

Roll No.180340500019

B.Sc. Honours in Zoology (CBCS)										
Semester No.	Subject	Course Code	Course Title	Grade (G)	Credit Value (V)	Grade Point (G×V)	Credit Retained Year	SGPA on the basis of		Result Code
								CCs & DSEs	All Courses	
I	ZOOLOGY	CC-1	Non-chordates I	8	6	48	2018	7.50	7.27	Q
		CC-2	Ecology	7	6	42	2018			
	BOTANY	GE-1	Biodiversity (Microbes, Algae, Fungi and Archeogoniatae)	7	6	42	2018			
	ENVIRONMENTAL STUDIES	AECC-1	Fundamentals of Environmental Studies	7	4	28	2018			
II	ZOOLOGY	CC-3	Non-chordates II	8	6	48	2019	7.50	7.70	Q
		CC-4	Cell Biology	7	6	42	2019			
	CHEMISTRY	GE-2	States of Matter & Chemical Kinetics, Chemical Bonding & Molecular Structure, P-Block Elements	8	6	48	2019			
	Communicative English/MIL	AECC-2	Communicative English	8	2	16	2019			
III	ZOOLOGY	CC-5	Chordates	9	6	54	2019	8.33	8.46	Q
		CC-6	Animal Physiology: Controlling and Coordinating Systems	8	6	48	2019			
	CC-7	Fundamentals of Biochemistry	8	6	48	2019				
	BOTANY	GE-3	Plant Anatomy and Embryology	9	6	54	2019			
	ZOOLOGY	SEC-1	Apiculture	8	2	16	2019			
IV	ZOOLOGY	CC-8	Comparative Anatomy of Vertebrates	9	6	54	2020	9.00	9.00	Q
		CC-9	Animal Physiology: Life Sustaining Systems	9	6	54	2020			
		CC-10	Immunology	9	6	54	2020			
	CHEMISTRY	GE-4	Solution Phase Equilibria, Conductance, Electrochemistry, Analytical & Environmental Chemistry	9	6	54	2020			
	ZOOLOGY	SEC-2	Medical Diagnostics	9	2	18	2020			
V	ZOOLOGY	CC-11	Molecular Biology	8	6	48	2020	8.75	8.75	Q
		CC-12	Genetics	9	6	54	2020			
	ZOOLOGY	DSE-1	Animal Biotechnology	10	6	60	2020			
		DSE-2	Parasitology	8	6	48	2020			
VI	ZOOLOGY	CC-13	Developmental Biology	10	6	60	2021	10.00	10.00	Q
		CC-14	Evolutionary Biology	10	6	60	2021			
	ZOOLOGY	DSE-3	Animal Behaviour	10	6	60	2021			
		DSE-4	Endocrinology	10	6	60	2021			
CGPA (Cumulative Grade Point Average) on the basis of CCs & DSEs : 8.72							Letter Grade in CGPA : A+	Result : Q		
CGPA (Cumulative Grade Point Average) on the basis of All Courses : 8.58										


Date of Publication of Result: 26.08.2021

$$SGPA(S) = \frac{\sum_{i=1}^n (G_i \times V_i)}{\sum_{i=1}^n V_i} \quad CGPA = \frac{\sum_{i=1}^n (V_i \times S_i)}{\sum_{i=1}^n V_i}$$

Anindya Zoti Pal

Controller of the Examinations

Course Types	CGPA Letter Grades				Result Codes
CC – Core Course	CGPA	Letter Grade	CGPA	Letter Grade	Q - Qualified
GE – Generic Elective	9 and above	O (Outstanding)	5 to below 6	B (Average)	SNC – Semester Not Cleared
DSE – Discipline Specific Elective	8 to below 9	A+ (Excellent)	4 to below 5	P (Pass)	PNC – Programme Not Cleared [CGPA on the basis of CCs and DSEs < 5 or any one or more semester(s) are not cleared]
SEC – Skill Enhancement Course	7 to below 8	A (Very Good)	Below 4	F (Fail)	
AECC – Ability Enhancement Compulsory Course	6 to below 7	B+ (Good)			NC denotes “Not Computed” due to absence in C1, C2 and C4 as applicable.

	Grade Point Norms				Percentage of Conversion Formula: = (SGPA or CGPA × 10) - 5.0 *Letter Grade in CGPA is awarded on the basis of CCs and DSEs
	90% to 100%	10	80% and above but below 90%	9	
	70% and above but below 80%	8	60% and above but below 70%	7	
	50% and above but below 60%	6	40% and above but below 50%	5	
35% and above but below 40%	4	Below 35%	Not Awarded (NA)		



THE UNIVERSITY OF BURDWAN

B.SC. 3-YEAR DEGREE HONOURS FINAL EXAMINATION 2021 UNDER CBCS

GRADE CARD

Name: ASGAR ALI

Registration No. 201801044183 of 2018-19

Roll No.180340500020

B.Sc. Honours in Mathematics (CBCS)										
Semester No.	Subject	Course Code	Course Title	Grade (G)	Credit Value (V)	Grade Point (G×V)	Credit Retained Year	SGPA on the basis of		Result Code
								CCs & DSEs	All Courses	
I	MATHEMATICS	CC-1	Calculus, Geometry & Differential Equations	9	6	54	2018	8.50	7.55	Q
		CC-2	Algebra	8	6	48	2018			
	PHYSICS	GE-1	Mechanics	6	6	36	2018			
	ENVIRONMENTAL STUDIES	AECC-1	Fundamentals of Environmental Studies	7	4	28	2018			
II	MATHEMATICS	CC-3	Real Analysis	9	6	54	2019	9.00	8.40	Q
		CC-4	Differential Equations and Vector Calculus	9	6	54	2019			
	CHEMISTRY	GE-2	States of Matter & Chemical Kinetics, Chemical Bonding & Molecular Structure, P-Block Elements	7	6	42	2019			
	Communicative English/MIL	AECC-2	Bengali	9	2	18	2019			
III	MATHEMATICS	CC-5	Theory of Real Functions & Introduction to Metric Spaces	7	6	42	2019	6.00	6.54	Q
		CC-6	Group Theory I	4	6	24	2019			
		CC-7	Numerical Methods	7	6	42	2019			
	PHYSICS	GE-3	Thermal Physics and Statistical Mechanics	7	6	42	2019			
MATHEMATICS	SEC-1	Logic and Sets	10	2	20	2019				
IV	MATHEMATICS	CC-8	Riemann Integration and Series of Functions	7	6	42	2020	7.67	7.77	Q
		CC-9	Multivariate Calculus	8	6	48	2020			
		CC-10	Ring Theory and Linear Algebra I	8	6	48	2020			
	CHEMISTRY	GE-4	Solution Phase Equilibria, Conductance, Electrochemistry, Analytical & Environmental Chemistry	8	6	48	2020			
MATHEMATICS	SEC-2	Graph Theory	8	2	16	2020				
V	MATHEMATICS	CC-11	Partial Differential Equations and Applications	10	6	60	2020	9.75	9.75	Q
		CC-12	Mechanics I	9	6	54	2020			
	MATHEMATICS	DSE-1	Linear Programming	10	6	60	2020			
		DSE-2	Probability & Statistics	10	6	60	2020			
VI	MATHEMATICS	CC-13	Metric Spaces and Complex Analysis	10	6	60	2021	9.50	9.50	Q
		CC-14	Ring Theory and Linear Algebra II	10	6	60	2021			
	MATHEMATICS	DSE-3	Project Work	9	6	54	2021			
		DSE-4	Mechanics II	9	6	54	2021			
CGPA (Cumulative Grade Point Average) on the basis of CCs & DSEs : 8.50							Letter Grade in CGPA : A+	Result : Q		
CGPA (Cumulative Grade Point Average) on the basis of All Courses : 8.23										


Date of Publication of Result: 26.08.2021

$$SGPA(S) = \frac{\sum_{i=1}^n (G_i \times V_i)}{\sum_{i=1}^n V_i} \quad CGPA = \frac{\sum_{i=1}^n (V_i \times S_i)}{\sum_{i=1}^n V_i}$$

Anindya Zoti Pal

Controller of the Examinations

Course Types	CGPA Letter Grades				Result Codes
CC – Core Course	CGPA	Letter Grade	CGPA	Letter Grade	Q - Qualified
GE – Generic Elective	9 and above	O (Outstanding)	5 to below 6	B (Average)	SNC – Semester Not Cleared
DSE – Discipline Specific Elective	8 to below 9	A+ (Excellent)	4 to below 5	P (Pass)	PNC – Programme Not Cleared [CGPA on the basis of CCs and DSEs < 5 or any one or more semester(s) are not cleared]
SEC – Skill Enhancement Course	7 to below 8	A (Very Good)	Below 4	F (Fail)	
AECC – Ability Enhancement Compulsory Course	6 to below 7	B+ (Good)			NC denotes “Not Computed” due to absence in C1, C2 and C4 as applicable.

	Grade Point Norms				Percentage of Conversion Formula: = (SGPA or CGPA × 10) - 5.0 *Letter Grade in CGPA is awarded on the basis of CCs and DSEs
	90% to 100%	10	80% and above but below 90%	9	
	70% and above but below 80%	8	60% and above but below 70%	7	
	50% and above but below 60%	6	40% and above but below 50%	5	
35% and above but below 40%	4	Below 35%	Not Awarded (NA)		



THE UNIVERSITY OF BURDWAN

B.SC. 3-YEAR DEGREE HONOURS FINAL EXAMINATION 2021 UNDER CBCS

GRADE CARD

Name: ASMITA PATRA

Registration No. 201801044184 of 2018-19

Roll No.180340500021

B.Sc. Honours in Physics (CBCS)										
Semester No.	Subject	Course Code	Course Title	Grade (G)	Credit Value (V)	Grade Point (G×V)	Credit Retained Year	SGPA on the basis of		Result Code
								CCs & DSEs	All Courses	
I	PHYSICS	CC-1	Mathematical Physics-I	8	6	48	2018	8.00	8.09	Q
		CC-2	Mechanics	8	6	48	2018			
	CHEMISTRY	GE-1	Atomic Structure, Chemical Periodicity, Acids And Bases, Redox Reactions, General Organic Chemistry & Aliphatic Hydrocarbons	9	6	54	2018			
		AECC-1	Fundamentals of Environmental Studies	7	4	28	2018			
II	PHYSICS	CC-3	Electricity and Magnetism	7	6	42	2019	7.50	7.70	Q
		CC-4	Waves and Optics	8	6	48	2019			
	MATHEMATICS	GE-2	Differential Equations	8	6	48	2019			
	Communicative English/MIL	AECC-2	Communicative English	8	2	16	2019			
III	PHYSICS	CC-5	Mathematical Physics-II	7	6	42	2019	7.00	7.54	Q
		CC-6	Thermal Physics	7	6	42	2019			
		CC-7	Digital Systems and Applications	7	6	42	2019			
	CHEMISTRY	GE-3	Chemical Energetic, Equilibria, Organic Chemistry	9	6	54	2019			
	PHYSICS	SEC-1	Renewable Energy and Energy Harvesting	8	2	16	2019			
IV	PHYSICS	CC-8	Mathematical Physics-III	8	6	48	2020	8.33	8.54	Q
		CC-9	Elements of Modern Physics	8	6	48	2020			
		CC-10	Analog Systems & Applications	9	6	54	2020			
	MATHEMATICS	GE-4	Algebra	9	6	54	2020			
	PHYSICS	SEC-2	Electrical Circuits and Network Skills	9	2	18	2020			
V	PHYSICS	CC-11	Quantum Mechanics and Applications	10	6	60	2020	9.50	9.50	Q
		CC-12	Solid State Physics	9	6	54	2020			
	PHYSICS	DSE-1	Advanced Mathematical Physics	9	6	54	2020			
		DSE-2	Classical Dynamics	10	6	60	2020			
VI	PHYSICS	CC-13	Electromagnetic Theory	9	6	54	2021	9.25	9.25	Q
		CC-14	Statistical Mechanics	10	6	60	2021			
	PHYSICS	DSE-3	Nuclear and Particle Physics	9	6	54	2021			
		DSE-4	Astronomy and Astrophysics	9	6	54	2021			
CGPA (Cumulative Grade Point Average) on the basis of CCs & DSEs : 8.44							Letter Grade in CGPA : A+	Result : Q		
CGPA (Cumulative Grade Point Average) on the basis of All Courses : 8.45										


Date of Publication of Result: 26.08.2021

$$SGPA(S) = \frac{\sum_{i=1}^n (G_i \times V_i)}{\sum_{i=1}^n V_i} \quad CGPA = \frac{\sum_{i=1}^n (V_i \times S_i)}{\sum_{i=1}^n V_i}$$

Anindya Zoti Pal

Controller of the Examinations

Course Types	CGPA Letter Grades				Result Codes
CC – Core Course	CGPA	Letter Grade	CGPA	Letter Grade	Q - Qualified
GE – Generic Elective	9 and above	O (Outstanding)	5 to below 6	B (Average)	SNC – Semester Not Cleared
DSE – Discipline Specific Elective	8 to below 9	A+ (Excellent)	4 to below 5	P (Pass)	PNC – Programme Not Cleared [CGPA on the basis of CCs and DSEs.<5 or any one or more semester(s) are not cleared]
SEC – Skill Enhancement Course	7 to below 8	A (Very Good)	Below 4	F (Fail)	
AECC – Ability Enhancement Compulsory Course	6 to below 7	B+ (Good)			NC denotes “Not Computed” due to absence in C1, C2 and C4 as applicable.

	Grade Point Norms				Percentage of Conversion Formula: = (SGPA or CGPA × 10) - 5.0 *Letter Grade in CGPA is awarded on the basis of CCs and DSEs
	90% to 100%	10	80% and above but below 90%	9	
	70% and above but below 80%	8	60% and above but below 70%	7	
	50% and above but below 60%	6	40% and above but below 50%	5	
35% and above but below 40%	4	Below 35%	Not Awarded (NA)		



THE UNIVERSITY OF BURDWAN

B.SC. 3-YEAR DEGREE HONOURS FINAL EXAMINATION 2021 UNDER CBCS

GRADE CARD

Name: ASMITA SIKDAR

Registration No. 201801044185 of 2018-19

Roll No. 180340500022

B.Sc. Honours in Zoology (CBCS)										
Semester No.	Subject	Course Code	Course Title	Grade (G)	Credit Value (V)	Grade Point (G×V)	Credit Retained Year	SGPA on the basis of		Result Code
								CCs & DSEs	All Courses	
I	ZOOLOGY	CC-1	Non-chordates I	7	6	42	2018	7.00	7.00	Q
		CC-2	Ecology	7	6	42	2018			
	BOTANY	GE-1	Biodiversity (Microbes, Algae, Fungi and Archegoniatae)	7	6	42	2018			
	ENVIRONMENTAL STUDIES	AECC-1	Fundamentals of Environmental Studies	7	4	28	2018			
II	ZOOLOGY	CC-3	Non-chordates II	8	6	48	2019	7.50	7.30	Q
		CC-4	Cell Biology	7	6	42	2019			
	CHEMISTRY	GE-2	States of Matter & Chemical Kinetics, Chemical Bonding & Molecular Structure, P-Block Elements	7	6	42	2019			
	Communicative English/MIL	AECC-2	Communicative English	7	2	14	2019			
III	ZOOLOGY	CC-5	Chordates	9	6	54	2019	8.00	8.23	Q
		CC-6	Animal Physiology: Controlling and Coordinating Systems	8	6	48	2019			
	CC-7	Fundamentals of Biochemistry	7	6	42	2019				
	BOTANY	GE-3	Plant Anatomy and Embryology	9	6	54	2019			
	ZOOLOGY	SEC-1	Apiculture	8	2	16	2019			
IV	ZOOLOGY	CC-8	Comparative Anatomy of Vertebrates	9	6	54	2020	9.00	9.00	Q
		CC-9	Animal Physiology: Life Sustaining Systems	9	6	54	2020			
		CC-10	Immunology	9	6	54	2020			
	CHEMISTRY	GE-4	Solution Phase Equilibria, Conductance, Electrochemistry, Analytical & Environmental Chemistry	9	6	54	2020			
	ZOOLOGY	SEC-2	Medical Diagnostics	9	2	18	2020			
V	ZOOLOGY	CC-11	Molecular Biology	8	6	48	2020	9.00	9.00	Q
		CC-12	Genetics	9	6	54	2020			
	ZOOLOGY	DSE-1	Animal Biotechnology	10	6	60	2020			
		DSE-2	Parasitology	9	6	54	2020			
VI	ZOOLOGY	CC-13	Developmental Biology	10	6	60	2021	10.00	10.00	Q
		CC-14	Evolutionary Biology	10	6	60	2021			
	ZOOLOGY	DSE-3	Animal Behaviour	10	6	60	2021			
		DSE-4	Endocrinology	10	6	60	2021			
CGPA (Cumulative Grade Point Average) on the basis of CCs & DSEs : 8.67							Letter Grade in CGPA : A+	Result : Q		
CGPA (Cumulative Grade Point Average) on the basis of All Courses : 8.48										

Date of Publication of Result: 26.08.2021

$$SGPA(S) = \frac{\sum_{i=1}^n (G_i \times V_i)}{\sum_{i=1}^n V_i} \quad CGPA = \frac{\sum_{i=1}^n (V_i \times S_i)}{\sum_{i=1}^n V_i}$$

Anindya Zoti Pal

Controller of the Examinations

Course Types	CGPA Letter Grades				Result Codes
CC – Core Course	CGPA	Letter Grade	CGPA	Letter Grade	Q - Qualified
GE – Generic Elective	9 and above	O (Outstanding)	5 to below 6	B (Average)	SNC – Semester Not Cleared
DSE – Discipline Specific Elective	8 to below 9	A+ (Excellent)	4 to below 5	P (Pass)	PNC – Programme Not Cleared [CGPA on the basis of CCs and DSEs < 5 or any one or more semester(s) are not cleared]
SEC – Skill Enhancement Course	7 to below 8	A (Very Good)	Below 4	F (Fail)	
AECC – Ability Enhancement Compulsory Course	6 to below 7	B+ (Good)			NC denotes “Not Computed” due to absence in C1, C2 and C4 as applicable.

Grade Point Norms	Grade Point Norms		Percentage of Conversion Formula: = (SGPA or CGPA × 10) - 5.0
	90% to 100%	10	
70% and above but below 80%	8	60% and above but below 70%	7
50% and above but below 60%	6	40% and above but below 50%	5
35% and above but below 40%	4	Below 35%	Not Awarded (NA)



THE UNIVERSITY OF BURDWAN

B.SC. 3-YEAR DEGREE HONOURS FINAL EXAMINATION 2021 UNDER CBCS

GRADE CARD

Name: AYANTIKA DEY

Registration No. 201801044186 of 2018-19

Roll No.180340500023

B.Sc. Honours in Physiology (CBCS)										
Semester No.	Subject	Course Code	Course Title	Grade (G)	Credit Value (V)	Grade Point (G×V)	Credit Retained Year	SGPA on the basis of		Result Code
								CCs & DSEs	All Courses	
I	PHYSIOLOGY	CC-1	Cellular Basis of Physiology	8	6	48	2018	7.50	7.45	Q
		CC-2	Biological Physics and Enzymes	7	6	42	2018			
	CHEMISTRY	GE-1	Atomic Structure, Chemical Periodicity, Acids And Bases, Redox Reactions, General Organic Chemistry & Aliphatic Hydrocarbons	7	6	42	2018			
		AECC-1	Fundamentals of Environmental Studies	8	4	32	2018			
II	PHYSIOLOGY	CC-3	Physiology of Nerve and Muscle Cells	8	6	48	2019	8.50	8.00	Q
		CC-4	Chemistry of Biomolecules	9	6	54	2019			
	ZOOLOGY	GE-2	Comparative Anatomy & Developmental Biology of Vertebrates	7	6	42	2019			
	Communicative English/MIL	AECC-2	Communicative English	8	2	16	2019			
III	PHYSIOLOGY	CC-5	Circulating Body Fluids	8	6	48	2019	8.33	7.92	Q
		CC-6	Circulation	8	6	48	2019			
		CC-7	Functions of The Nervous System	9	6	54	2019			
	CHEMISTRY	GE-3	Chemical Energetic, Equilibria, Organic Chemistry	7	6	42	2019			
PHYSIOLOGY	SEC-1	Detection of Food Additives/Adulterants	7	2	14	2019				
IV	PHYSIOLOGY	CC-8	Energy Balance, Metabolism and Nutrition	9	6	54	2020	9.00	8.92	Q
		CC-9	Gastrointestinal Function	9	6	54	2020			
		CC-10	Respiration	9	6	54	2020			
	ZOOLOGY	GE-4	Genetics and Evolutionary Biology	9	6	54	2020			
	PHYSIOLOGY	SEC-2	Hematological Techniques	8	2	16	2020			
V	PHYSIOLOGY	CC-11	Special Senses	9	6	54	2020	9.00	9.00	Q
		CC-12	Endocrinology	9	6	54	2020			
	PHYSIOLOGY	DSE-1	Biological Statistics	9	6	54	2020			
		DSE-2	Sports and Exercise Physiology	9	6	54	2020			
VI	PHYSIOLOGY	CC-13	Reproduction	8	6	48	2021	8.75	8.75	Q
		CC-14	Formation and Excretion of Urine	9	6	54	2021			
	PHYSIOLOGY	DSE-3	Genetics and Molecular Biology	9	6	54	2021			
		DSE-4	Toxicology	9	6	54	2021			
CGPA (Cumulative Grade Point Average) on the basis of CCs & DSEs : 8.61							Letter Grade in CGPA : A+	Result : Q		
CGPA (Cumulative Grade Point Average) on the basis of All Courses : 8.37										


Date of Publication of Result: 26.08.2021

$$SGPA(S) = \frac{\sum_{i=1}^n (G_i \times V_i)}{\sum_{i=1}^n V_i} \quad CGPA = \frac{\sum_{i=1}^n (V_i \times S_i)}{\sum_{i=1}^n V_i}$$

Anindya Zoti Pal

Controller of the Examinations

Course Types	CGPA Letter Grades				Result Codes
CC – Core Course	CGPA	Letter Grade	CGPA	Letter Grade	Q - Qualified
GE – Generic Elective	9 and above	O (Outstanding)	5 to below 6	B (Average)	SNC – Semester Not Cleared
DSE – Discipline Specific Elective	8 to below 9	A+ (Excellent)	4 to below 5	P (Pass)	PNC – Programme Not Cleared [CGPA on the basis of CCs and DSEs.<5 or any one or more semester(s) are not cleared]
SEC – Skill Enhancement Course	7 to below 8	A (Very Good)	Below 4	F (Fail)	
AECC – Ability Enhancement Compulsory Course	6 to below 7	B+ (Good)			NC denotes “Not Computed” due to absence in C1, C2 and C4 as applicable.

	Grade Point Norms				Percentage of Conversion Formula: = (SGPA or CGPA × 10) - 5.0 *Letter Grade in CGPA is awarded on the basis of CCs and DSEs
	90% to 100%	10	80% and above but below 90%	9	
	70% and above but below 80%	8	60% and above but below 70%	7	
	50% and above but below 60%	6	40% and above but below 50%	5	
	35% and above but below 40%	4	Below 35%	Not Awarded (NA)	



THE UNIVERSITY OF BURDWAN

B.SC. 3-YEAR DEGREE HONOURS FINAL EXAMINATION 2021 UNDER CBCS

GRADE CARD

Name: **BARSHA SARKAR**Registration No. **201801044188** of 2018-19Roll No. **180340500025**

B.Sc. Honours in Physiology (CBCS)										
Semester No.	Subject	Course Code	Course Title	Grade (G)	Credit Value (V)	Grade Point (G×V)	Credit Retained Year	SGPA on the basis of		Result Code
								CCs & DSEs	All Courses	
I	PHYSIOLOGY	CC-1	Cellular Basis of Physiology	5	6	30	2018	6.00	5.64	Q
		CC-2	Biological Physics and Enzymes	7	6	42	2018			
	CHEMISTRY	GE-1	Atomic Structure, Chemical Periodicity, Acids And Bases, Redox Reactions, General Organic Chemistry & Aliphatic Hydrocarbons	4	6	24	2018			
		AECC-1	Fundamentals of Environmental Studies	7	4	28	2018			
II	PHYSIOLOGY	CC-3	Physiology of Nerve and Muscle Cells	5	6	30	2019	6.00	6.40	Q
		CC-4	Chemistry of Biomolecules	7	6	42	2019			
	ZOOLOGY	GE-2	Comparative Anatomy & Developmental Biology of Vertebrates	7	6	42	2019			
	Communicative English/MIL	AECC-2	Communicative English	7	2	14	2019			
III	PHYSIOLOGY	CC-5	Circulating Body Fluids	6	6	36	2019	5.67	5.54	Q
		CC-6	Circulation	6	6	36	2019			
		CC-7	Functions of The Nervous System	5	6	30	2019			
	CHEMISTRY	GE-3	Chemical Energetic, Equilibria, Organic Chemistry	5	6	30	2019			
PHYSIOLOGY	SEC-1	Detection of Food Additives/Adulterants	6	2	12	2019				
IV	PHYSIOLOGY	CC-8	Energy Balance, Metabolism and Nutrition	7	6	42	2020	7.33	7.46	Q
		CC-9	Gastrointestinal Function	8	6	48	2020			
		CC-10	Respiration	7	6	42	2020			
	ZOOLOGY	GE-4	Genetics and Evolutionary Biology	8	6	48	2020			
	PHYSIOLOGY	SEC-2	Hematological Techniques	7	2	14	2020			
V	PHYSIOLOGY	CC-11	Special Senses	6	6	36	2020	6.50	6.50	Q
		CC-12	Endocrinology	6	6	36	2020			
	PHYSIOLOGY	DSE-1	Biological Statistics	6	6	36	2020			
		DSE-2	Sports and Exercise Physiology	8	6	48	2020			
VI	PHYSIOLOGY	CC-13	Reproduction	7	6	42	2021	7.25	7.25	Q
		CC-14	Formation and Excretion of Urine	7	6	42	2021			
	PHYSIOLOGY	DSE-3	Genetics and Molecular Biology	8	6	48	2021			
		DSE-4	Toxicology	7	6	42	2021			
CGPA (Cumulative Grade Point Average) on the basis of CCs & DSEs : 6.56							Letter Grade in CGPA : B+	Result : Q		
CGPA (Cumulative Grade Point Average) on the basis of All Courses : 6.48										


Date of Publication of Result: 26.08.2021

$$SGPA(S) = \frac{\sum_{i=1}^n (G_i \times V_i)}{\sum_{i=1}^n V_i} \quad CGPA = \frac{\sum_{i=1}^n (V_i \times S_i)}{\sum_{i=1}^n V_i}$$

Anindya Zoti Pal

Controller of the Examinations

Course Types	CGPA Letter Grades				Result Codes
CC – Core Course	CGPA	Letter Grade	CGPA	Letter Grade	Q - Qualified
GE – Generic Elective	9 and above	O (Outstanding)	5 to below 6	B (Average)	SNC – Semester Not Cleared
DSE – Discipline Specific Elective	8 to below 9	A+ (Excellent)	4 to below 5	P (Pass)	PNC – Programme Not Cleared [CGPA on the basis of CCs and DSEs < 5 or any one or more semester(s) are not cleared]
SEC – Skill Enhancement Course	7 to below 8	A (Very Good)	Below 4	F (Fail)	
AECC – Ability Enhancement Compulsory Course	6 to below 7	B+ (Good)			NC denotes “Not Computed” due to absence in C1, C2 and C4 as applicable.

	Grade Point Norms				Percentage of Conversion Formula: = (SGPA or CGPA × 10) - 5.0 *Letter Grade in CGPA is awarded on the basis of CCs and DSEs
	90% to 100%	10	80% and above but below 90%	9	
	70% and above but below 80%	8	60% and above but below 70%	7	
	50% and above but below 60%	6	40% and above but below 50%	5	
35% and above but below 40%	4	Below 35%	Not Awarded (NA)		



THE UNIVERSITY OF BURDWAN

B.SC. 3-YEAR DEGREE HONOURS FINAL EXAMINATION 2021 UNDER CBCS

GRADE CARD

Name: **BARSHITA DUTTA**Registration No. **201801044189** of 2018-19Roll No. **180340500026**

B.Sc. Honours in Botany (CBCS)										
Semester No.	Subject	Course Code	Course Title	Grade (G)	Credit Value (V)	Grade Point (G×V)	Credit Retained Year	SGPA on the basis of		Result Code
								CCs & DSEs	All Courses	
I	BOTANY	CC-1	Microbiology and Phycology	7	6	42	2018	7.00	7.18	Q
		CC-2	Archegoniatae	7	6	42	2018			
	ZOOLOGY	GE-1	Animal Diversity	7	6	42	2018			
	ENVIRONMENTAL STUDIES	AECC-1	Fundamentals of Environmental Studies	8	4	32	2018			
II	BOTANY	CC-3	Mycology and Phytopathology	6	6	36	2019	7.00	7.00	Q
		CC-4	Morphology and Anatomy of Angiosperms	8	6	48	2019			
	CHEMISTRY	GE-2	States of Matter & Chemical Kinetics, Chemical Bonding & Molecular Structure, P-Block Elements	7	6	42	2019			
	Communicative English/MIL	AECC-2	Communicative English	7	2	14	2019			
III	BOTANY	CC-5	Plant Ecology and Phytogeography	8	6	48	2019	8.00	7.69	Q
		CC-6	Plant Systematics	8	6	48	2019			
		CC-7	Economic Botany	8	6	48	2019			
	ZOOLOGY	GE-3	Physiology and Biochemistry	6	6	36	2019			
BOTANY	SEC-1	Mushroom Culture Technology	10	2	20	2019				
IV	BOTANY	CC-8	Palaeobotany & Palynology	9	6	54	2020	9.00	8.92	Q
		CC-9	Biomolecules and Cell Biology	9	6	54	2020			
		CC-10	Molecular Biology	9	6	54	2020			
	CHEMISTRY	GE-4	Solution Phase Equilibria, Conductance, Electrochemistry, Analytical & Environmental Chemistry	9	6	54	2020			
	BOTANY	SEC-2	Herbal Technology	8	2	16	2020			
V	BOTANY	CC-11	Plant Physiology	9	6	54	2020	9.75	9.75	Q
		CC-12	Plant Metabolism	10	6	60	2020			
	BOTANY	DSE-1	Reproductive Biology of Angiosperms	10	6	60	2020			
		DSE-2	Biostatistics	10	6	60	2020			
VI	BOTANY	CC-13	Genetics & Plant Breeding	9	6	54	2021	9.25	9.25	Q
		CC-14	Plant Biotechnology	10	6	60	2021			
	BOTANY	DSE-3	Plant Evolution & Biodiversity	9	6	54	2021			
		DSE-4	Industrial and Environmental Microbiology	9	6	54	2021			
CGPA (Cumulative Grade Point Average) on the basis of CCs & DSEs : 8.61							Letter Grade in CGPA : A+	Result : Q		
CGPA (Cumulative Grade Point Average) on the basis of All Courses : 8.35										


Date of Publication of Result: 26.08.2021

$$SGPA(S) = \frac{\sum_{i=1}^n (G_i \times V_i)}{\sum_{i=1}^n V_i} \quad CGPA = \frac{\sum_{i=1}^n (V_i \times S_i)}{\sum_{i=1}^n V_i}$$

Anindya Zoti Pal

Controller of the Examinations

Course Types	CGPA Letter Grades				Result Codes
CC – Core Course	CGPA	Letter Grade	CGPA	Letter Grade	Q - Qualified
GE – Generic Elective	9 and above	O (Outstanding)	5 to below 6	B (Average)	SNC – Semester Not Cleared
DSE – Discipline Specific Elective	8 to below 9	A+ (Excellent)	4 to below 5	P (Pass)	PNC – Programme Not Cleared [CGPA on the basis of CCs and DSEs < 5 or any one or more semester(s) are not cleared]
SEC – Skill Enhancement Course	7 to below 8	A (Very Good)	Below 4	F (Fail)	
AECC – Ability Enhancement Compulsory Course	6 to below 7	B+ (Good)			NC denotes “Not Computed” due to absence in C1, C2 and C4 as applicable.

	Grade Point Norms				Percentage of Conversion Formula: = (SGPA or CGPA × 10) - 5.0 *Letter Grade in CGPA is awarded on the basis of CCs and DSEs
	90% to 100%	10	80% and above but below 90%	9	
	70% and above but below 80%	8	60% and above but below 70%	7	
	50% and above but below 60%	6	40% and above but below 50%	5	
35% and above but below 40%	4	Below 35%	Not Awarded (NA)		



THE UNIVERSITY OF BURDWAN

B.SC. 3-YEAR DEGREE HONOURS FINAL EXAMINATION 2021 UNDER CBCS GRADE CARD

Name: **BISWADIP DUTTA**Registration No. **201801044190** of 2018-19Roll No. **180340500027**

B.Sc. Honours in Chemistry (CBCS)										
Semester No.	Subject	Course Code	Course Title	Grade (G)	Credit Value (V)	Grade Point (G×V)	Credit Retained Year	SGPA on the basis of		Result Code
								CCs & DSEs	All Courses	
I	CHEMISTRY	CC-1	Organic Chemistry-I	8	6	48	2018	8.00	7.55	Q
		CC-2	Physical Chemistry-I	8	6	48	2018			
	MATHEMATICS	GE-1	Differential Calculus	7	6	42	2018			
	ENVIRONMENTAL STUDIES	AECC-1	Fundamentals of Environmental Studies	7	4	28	2018			
II	CHEMISTRY	CC-3	Inorganic Chemistry-I	7	6	42	2019	6.50	7.40	Q
		CC-4	Organic Chemistry-II	6	6	36	2019			
	PHYSICS	GE-2	Electricity and Magnetism	9	6	54	2019			
	Communicative English/MIL	AECC-2	Bengali	8	2	16	2019			
III	CHEMISTRY	CC-5	Physical Chemistry-II	7	6	42	2019	7.67	7.08	Q
		CC-6	Inorganic Chemistry-II	7	6	42	2019			
		CC-7	Organic Chemistry-III	9	6	54	2019			
	MATHEMATICS	GE-3	Real Analysis	5	6	30	2019			
	CHEMISTRY	SEC-1	Basic Analytical Chemistry	8	2	16	2019			
IV	CHEMISTRY	CC-8	Physical Chemistry-III	9	6	54	2020	8.33	8.31	Q
		CC-9	Inorganic Chemistry-III	8	6	48	2020			
		CC-10	Organic Chemistry - IV	8	6	48	2020			
	PHYSICS	GE-4	Waves and Optics	8	6	48	2020			
	CHEMISTRY	SEC-2	Analytical Clinical Biochemistry	9	2	18	2020			
V	CHEMISTRY	CC-11	Inorganic Chemistry-IV	9	6	54	2020	9.00	9.00	Q
		CC-12	Organic Chemistry-V	9	6	54	2020			
	CHEMISTRY	DSE-1	Advanced Physical Chemistry	9	6	54	2020			
		DSE-2	Analytical Methods in Chemistry	9	6	54	2020			
VI	CHEMISTRY	CC-13	Inorganic Chemistry-V	9	6	54	2021	9.50	9.50	Q
		CC-14	Physical Chemistry-IV	10	6	60	2021			
	CHEMISTRY	DSE-3	Polymer Chemistry	10	6	60	2021			
		DSE-4	Dissertation Followed by Power Point Presentation	9	6	54	2021			
CGPA (Cumulative Grade Point Average) on the basis of CCs & DSEs : 8.39							Letter Grade in CGPA : A+	Result : Q		
CGPA (Cumulative Grade Point Average) on the basis of All Courses : 8.15										


Date of Publication of Result: 26.08.2021

$$SGPA(S) = \frac{\sum_{i=1}^n (G_i \times V_i)}{\sum_{i=1}^n V_i} \quad CGPA = \frac{\sum_{i=1}^n (V_i \times S_i)}{\sum_{i=1}^n V_i}$$

Anindya Zohi Pal

Controller of the Examinations

Course Types	CGPA Letter Grades				Result Codes
CC – Core Course	CGPA	Letter Grade	CGPA	Letter Grade	Q - Qualified
GE – Generic Elective	9 and above	O (Outstanding)	5 to below 6	B (Average)	SNC – Semester Not Cleared
DSE – Discipline Specific Elective	8 to below 9	A+ (Excellent)	4 to below 5	P (Pass)	PNC – Programme Not Cleared [CGPA on the basis of CCs and DSEs < 5 or any one or more semester(s) are not cleared]
SEC – Skill Enhancement Course	7 to below 8	A (Very Good)	Below 4	F (Fail)	
AECC – Ability Enhancement Compulsory Course	6 to below 7	B+ (Good)			NC denotes “Not Computed” due to absence in C1, C2 and C4 as applicable.

	Grade Point Norms				Percentage of Conversion Formula: = (SGPA or CGPA × 10) - 5.0 *Letter Grade in CGPA is awarded on the basis of CCs and DSEs
	90% to 100%	10	80% and above but below 90%	9	
	70% and above but below 80%	8	60% and above but below 70%	7	
	50% and above but below 60%	6	40% and above but below 50%	5	
	35% and above but below 40%	4	Below 35%	Not Awarded (NA)	



THE UNIVERSITY OF BURDWAN

B.SC. 3-YEAR DEGREE HONOURS FINAL EXAMINATION 2021 UNDER CBCS

GRADE CARD

Name: **CHHANDA DAS**Registration No. **201801044191** of 2018-19Roll No. **180340500028**

B.Sc. Honours in Mathematics (CBCS)										
Semester No.	Subject	Course Code	Course Title	Grade (G)	Credit Value (V)	Grade Point (G×V)	Credit Retained Year	SGPA on the basis of		Result Code
								CCs & DSEs	All Courses	
I	MATHEMATICS	CC-1	Calculus, Geometry & Differential Equations	4	6	24	2018	4.50	5.36	Q
		CC-2	Algebra	5	6	30	2019			
	PHYSICS	GE-1	Mechanics	6	6	36	2018			
	ENVIRONMENTAL STUDIES	AECC-1	Fundamentals of Environmental Studies	7	4	28	2018			
II	MATHEMATICS	CC-3	Real Analysis	10	6	60	2019	9.50	8.40	Q
		CC-4	Differential Equations and Vector Calculus	9	6	54	2019			
	CHEMISTRY	GE-2	States of Matter & Chemical Kinetics, Chemical Bonding & Molecular Structure, P-Block Elements	6	6	36	2019			
	Communicative English/MIL	AECC-2	Bengali	9	2	18	2019			
III	MATHEMATICS	CC-5	Theory of Real Functions & Introduction to Metric Spaces	6	6	36	2019	6.00	6.46	Q
		CC-6	Group Theory I	5	6	30	2019			
		CC-7	Numerical Methods	7	6	42	2019			
	PHYSICS	GE-3	Thermal Physics and Statistical Mechanics	7	6	42	2019			
MATHEMATICS	SEC-1	Logic and Sets	9	2	18	2019				
IV	MATHEMATICS	CC-8	Riemann Integration and Series of Functions	7	6	42	2020	7.67	7.77	Q
		CC-9	Multivariate Calculus	8	6	48	2020			
		CC-10	Ring Theory and Linear Algebra I	8	6	48	2020			
	CHEMISTRY	GE-4	Solution Phase Equilibria, Conductance, Electrochemistry, Analytical & Environmental Chemistry	8	6	48	2020			
MATHEMATICS	SEC-2	Graph Theory	8	2	16	2020				
V	MATHEMATICS	CC-11	Partial Differential Equations and Applications	10	6	60	2020	9.75	9.75	Q
		CC-12	Mechanics I	9	6	54	2020			
	MATHEMATICS	DSE-1	Linear Programming	10	6	60	2020			
		DSE-2	Probability & Statistics	10	6	60	2020			
VI	MATHEMATICS	CC-13	Metric Spaces and Complex Analysis	10	6	60	2021	9.75	9.75	Q
		CC-14	Ring Theory and Linear Algebra II	10	6	60	2021			
	MATHEMATICS	DSE-3	Project Work	9	6	54	2021			
		DSE-4	Mechanics II	10	6	60	2021			
CGPA (Cumulative Grade Point Average) on the basis of CCs & DSEs : 8.17							Letter Grade in CGPA : A+	Result : Q		
CGPA (Cumulative Grade Point Average) on the basis of All Courses : 7.92										


Date of Publication of Result: 26.08.2021

$$SGPA(S) = \frac{\sum_{i=1}^n (G_i \times V_i)}{\sum_{i=1}^n V_i} \quad CGPA = \frac{\sum_{i=1}^n (V_i \times S_i)}{\sum_{i=1}^n V_i}$$

Anindya Zoti Pal

Controller of the Examinations

Course Types	CGPA Letter Grades				Result Codes
CC – Core Course	CGPA	Letter Grade	CGPA	Letter Grade	Q - Qualified
GE – Generic Elective	9 and above	O (Outstanding)	5 to below 6	B (Average)	SNC – Semester Not Cleared
DSE – Discipline Specific Elective	8 to below 9	A+ (Excellent)	4 to below 5	P (Pass)	PNC – Programme Not Cleared [CGPA on the basis of CCs and DSEs < 5 or any one or more semester(s) are not cleared]
SEC – Skill Enhancement Course	7 to below 8	A (Very Good)	Below 4	F (Fail)	
AECC – Ability Enhancement Compulsory Course	6 to below 7	B+ (Good)			NC denotes “Not Computed” due to absence in C1, C2 and C4 as applicable.

	Grade Point Norms				Percentage of Conversion Formula: = (SGPA or CGPA × 10) - 5.0 *Letter Grade in CGPA is awarded on the basis of CCs and DSEs
	90% to 100%	10	80% and above but below 90%	9	
	70% and above but below 80%	8	60% and above but below 70%	7	
	50% and above but below 60%	6	40% and above but below 50%	5	
35% and above but below 40%	4	Below 35%	Not Awarded (NA)		



THE UNIVERSITY OF BURDWAN

B.SC. 3-YEAR DEGREE HONOURS FINAL EXAMINATION 2021 UNDER CBCS

GRADE CARD

Name: **DEB DAIPAYAN HALDAR**Registration No. **201801044192** of **2018-19**Roll No. **180340500029**

B.Sc. Honours in Physics (CBCS)										
Semester No.	Subject	Course Code	Course Title	Grade (G)	Credit Value (V)	Grade Point (G×V)	Credit Retained Year	SGPA on the basis of		Result Code
								CCs & DSEs	All Courses	
I	PHYSICS	CC-1	Mathematical Physics-I	7	6	42	2018	7.00	7.27	Q
		CC-2	Mechanics	7	6	42	2018			
	CHEMISTRY	GE-1	Atomic Structure, Chemical Periodicity, Acids And Bases, Redox Reactions, General Organic Chemistry & Aliphatic Hydrocarbons	8	6	48	2018			
		AECC-1	Fundamentals of Environmental Studies	7	4	28	2018			
II	PHYSICS	CC-3	Electricity and Magnetism	7	6	42	2019	7.00	7.60	Q
		CC-4	Waves and Optics	7	6	42	2019			
	MATHEMATICS	GE-2	Differential Equations	8	6	48	2019			
	Communicative English/MIL	AECC-2	Bengali	10	2	20	2019			
III	PHYSICS	CC-5	Mathematical Physics-II	8	6	48	2019	7.67	7.77	Q
		CC-6	Thermal Physics	7	6	42	2019			
		CC-7	Digital Systems and Applications	8	6	48	2019			
	CHEMISTRY	GE-3	Chemical Energetic, Equilibria, Organic Chemistry	8	6	48	2019			
		PHYSICS	SEC-1	Renewable Energy and Energy Harvesting	8	2	16			
IV	PHYSICS	CC-8	Mathematical Physics-III	8	6	48	2020	8.33	8.46	Q
		CC-9	Elements of Modern Physics	8	6	48	2020			
		CC-10	Analog Systems & Applications	9	6	54	2020			
	MATHEMATICS	GE-4	Algebra	9	6	54	2020			
	PHYSICS	SEC-2	Electrical Circuits and Network Skills	8	2	16	2020			
V	PHYSICS	CC-11	Quantum Mechanics and Applications	8	6	48	2020	8.75	8.75	Q
		CC-12	Solid State Physics	9	6	54	2020			
	PHYSICS	DSE-1	Advanced Mathematical Physics	9	6	54	2020			
		DSE-2	Classical Dynamics	9	6	54	2020			
VI	PHYSICS	CC-13	Electromagnetic Theory	9	6	54	2021	9.25	9.25	Q
		CC-14	Statistical Mechanics	10	6	60	2021			
	PHYSICS	DSE-3	Nuclear and Particle Physics	9	6	54	2021			
		DSE-4	Astronomy and Astrophysics	9	6	54	2021			
CGPA (Cumulative Grade Point Average) on the basis of CCs & DSEs : 8.22							Letter Grade in CGPA : A+	Result : Q		
CGPA (Cumulative Grade Point Average) on the basis of All Courses : 8.21										


Date of Publication of Result: 26.08.2021

$$SGPA(S) = \frac{\sum_{i=1}^n (G_i \times V_i)}{\sum_{i=1}^n V_i} \quad CGPA = \frac{\sum_{i=1}^n (V_i \times S_i)}{\sum_{i=1}^n V_i}$$

Anindya Zoti Pal

Controller of the Examinations

Course Types	CGPA Letter Grades				Result Codes
CC – Core Course	CGPA	Letter Grade	CGPA	Letter Grade	Q - Qualified
GE – Generic Elective	9 and above	O (Outstanding)	5 to below 6	B (Average)	SNC – Semester Not Cleared
DSE – Discipline Specific Elective	8 to below 9	A+ (Excellent)	4 to below 5	P (Pass)	PNC – Programme Not Cleared [CGPA on the basis of CCs and DSEs < 5 or any one or more semester(s) are not cleared]
SEC – Skill Enhancement Course	7 to below 8	A (Very Good)	Below 4	F (Fail)	
AECC – Ability Enhancement Compulsory Course	6 to below 7	B+ (Good)			NC denotes “Not Computed” due to absence in C1, C2 and C4 as applicable.

	Grade Point Norms				Percentage of Conversion Formula: = (SGPA or CGPA × 10) - 5.0 *Letter Grade in CGPA is awarded on the basis of CCs and DSEs
	90% to 100%	10	80% and above but below 90%	9	
	70% and above but below 80%	8	60% and above but below 70%	7	
	50% and above but below 60%	6	40% and above but below 50%	5	
	35% and above but below 40%	4	Below 35%	Not Awarded (NA)	



THE UNIVERSITY OF BURDWAN

B.SC. 3-YEAR DEGREE HONOURS FINAL EXAMINATION 2021 UNDER CBCS GRADE CARD

Name: **DEBESH BAIRAGI**Registration No. **201801044193** of 2018-19Roll No. **180340500030**

B.Sc. Honours in Chemistry (CBCS)										
Semester No.	Subject	Course Code	Course Title	Grade (G)	Credit Value (V)	Grade Point (G×V)	Credit Retained Year	SGPA on the basis of		Result Code
								CCs & DSEs	All Courses	
I	CHEMISTRY	CC-1	Organic Chemistry-I	8	6	48	2018	8.50	7.82	Q
		CC-2	Physical Chemistry-I	9	6	54	2018			
	MATHEMATICS	GE-1	Differential Calculus	7	6	42	2018			
	ENVIRONMENTAL STUDIES	AECC-1	Fundamentals of Environmental Studies	7	4	28	2018			
II	CHEMISTRY	CC-3	Inorganic Chemistry-I	9	6	54	2019	9.00	8.40	Q
		CC-4	Organic Chemistry-II	9	6	54	2019			
	PHYSICS	GE-2	Electricity and Magnetism	7	6	42	2019			
	Communicative English/MIL	AECC-2	Bengali	9	2	18	2019			
III	CHEMISTRY	CC-5	Physical Chemistry-II	9	6	54	2019	9.33	8.46	Q
		CC-6	Inorganic Chemistry-II	9	6	54	2019			
		CC-7	Organic Chemistry-III	10	6	60	2019			
	MATHEMATICS	GE-3	Real Analysis	6	6	36	2019			
	CHEMISTRY	SEC-1	Basic Analytical Chemistry	8	2	16	2019			
IV	CHEMISTRY	CC-8	Physical Chemistry-III	9	6	54	2020	9.00	8.85	Q
		CC-9	Inorganic Chemistry-III	9	6	54	2020			
		CC-10	Organic Chemistry - IV	9	6	54	2020			
	PHYSICS	GE-4	Waves and Optics	8	6	48	2020			
	CHEMISTRY	SEC-2	Analytical Clinical Biochemistry	10	2	20	2020			
V	CHEMISTRY	CC-11	Inorganic Chemistry-IV	8	6	48	2020	8.50	8.50	Q
		CC-12	Organic Chemistry-V	9	6	54	2020			
	CHEMISTRY	DSE-1	Advanced Physical Chemistry	9	6	54	2020			
		DSE-2	Analytical Methods in Chemistry	8	6	48	2020			
VI	CHEMISTRY	CC-13	Inorganic Chemistry-V	9	6	54	2021	9.75	9.75	Q
		CC-14	Physical Chemistry-IV	10	6	60	2021			
	CHEMISTRY	DSE-3	Polymer Chemistry	10	6	60	2021			
		DSE-4	Dissertation Followed by Power Point Presentation	10	6	60	2021			
CGPA (Cumulative Grade Point Average) on the basis of CCs & DSEs : 9.06							Letter Grade in CGPA : O	Result : Q		
CGPA (Cumulative Grade Point Average) on the basis of All Courses : 8.65										


Date of Publication of Result: 26.08.2021

$$SGPA(S) = \frac{\sum_{i=1}^n (G_i \times V_i)}{\sum_{i=1}^n V_i} \quad CGPA = \frac{\sum_{i=1}^n (V_i \times S_i)}{\sum_{i=1}^n V_i}$$

Anindya Zoti Pal

Controller of the Examinations

Course Types	CGPA Letter Grades				Result Codes
CC – Core Course	CGPA	Letter Grade	CGPA	Letter Grade	Q - Qualified
GE – Generic Elective	9 and above	O (Outstanding)	5 to below 6	B (Average)	SNC – Semester Not Cleared
DSE – Discipline Specific Elective	8 to below 9	A+ (Excellent)	4 to below 5	P (Pass)	PNC – Programme Not Cleared [CGPA on the basis of CCs and DSEs < 5 or any one or more semester(s) are not cleared]
SEC – Skill Enhancement Course	7 to below 8	A (Very Good)	Below 4	F (Fail)	
AECC – Ability Enhancement Compulsory Course	6 to below 7	B+ (Good)			NC denotes “Not Computed” due to absence in C1, C2 and C4 as applicable.

	Grade Point Norms				Percentage of Conversion Formula: = (SGPA or CGPA × 10) - 5.0 *Letter Grade in CGPA is awarded on the basis of CCs and DSEs
	90% to 100%	10	80% and above but below 90%	9	
	70% and above but below 80%	8	60% and above but below 70%	7	
	50% and above but below 60%	6	40% and above but below 50%	5	
	35% and above but below 40%	4	Below 35%	Not Awarded (NA)	



THE UNIVERSITY OF BURDWAN

B.SC. 3-YEAR DEGREE HONOURS FINAL EXAMINATION 2021 UNDER CBCS

GRADE CARD

Name: **DEBOJYOTI GHOSAL**Registration No. **201801044194** of 2018-19Roll No. **180340500031**

B.Sc. Honours in Chemistry (CBCS)										
Semester No.	Subject	Course Code	Course Title	Grade (G)	Credit Value (V)	Grade Point (G×V)	Credit Retained Year	SGPA on the basis of		Result Code
								CCs & DSEs	All Courses	
I	CHEMISTRY	CC-1	Organic Chemistry-I	9	6	54	2018	8.50	8.09	Q
		CC-2	Physical Chemistry-I	8	6	48	2018			
	MATHEMATICS	GE-1	Differential Calculus	8	6	48	2018			
	ENVIRONMENTAL STUDIES	AECC-1	Fundamentals of Environmental Studies	7	4	28	2018			
II	CHEMISTRY	CC-3	Inorganic Chemistry-I	9	6	54	2019	9.00	9.10	Q
		CC-4	Organic Chemistry-II	9	6	54	2019			
	PHYSICS	GE-2	Electricity and Magnetism	9	6	54	2019			
	Communicative English/MIL	AECC-2	Bengali	10	2	20	2019			
III	CHEMISTRY	CC-5	Physical Chemistry-II	8	6	48	2019	8.67	8.23	Q
		CC-6	Inorganic Chemistry-II	9	6	54	2019			
		CC-7	Organic Chemistry-III	9	6	54	2019			
	MATHEMATICS	GE-3	Real Analysis	7	6	42	2019			
	CHEMISTRY	SEC-1	Basic Analytical Chemistry	8	2	16	2019			
IV	CHEMISTRY	CC-8	Physical Chemistry-III	9	6	54	2020	9.00	8.85	Q
		CC-9	Inorganic Chemistry-III	9	6	54	2020			
		CC-10	Organic Chemistry - IV	9	6	54	2020			
	PHYSICS	GE-4	Waves and Optics	8	6	48	2020			
	CHEMISTRY	SEC-2	Analytical Clinical Biochemistry	10	2	20	2020			
V	CHEMISTRY	CC-11	Inorganic Chemistry-IV	8	6	48	2020	9.25	9.25	Q
		CC-12	Organic Chemistry-V	9	6	54	2020			
	CHEMISTRY	DSE-1	Advanced Physical Chemistry	10	6	60	2020			
		DSE-2	Analytical Methods in Chemistry	10	6	60	2020			
VI	CHEMISTRY	CC-13	Inorganic Chemistry-V	10	6	60	2021	10.00	10.00	Q
		CC-14	Physical Chemistry-IV	10	6	60	2021			
	CHEMISTRY	DSE-3	Polymer Chemistry	10	6	60	2021			
		DSE-4	Dissertation Followed by Power Point Presentation	10	6	60	2021			
CGPA (Cumulative Grade Point Average) on the basis of CCs & DSEs : 9.17							Letter Grade in CGPA : O	Result : Q		
CGPA (Cumulative Grade Point Average) on the basis of All Courses : 8.92										

Date of Publication of Result: 26.08.2021

$$SGPA(S) = \frac{\sum_{i=1}^n (G_i \times V_i)}{\sum_{i=1}^n V_i} \quad CGPA = \frac{\sum_{i=1}^n (V_i \times S_i)}{\sum_{i=1}^n V_i}$$

Anindya Jyoti Pal

Controller of the Examinations

Course Types	CGPA Letter Grades				Result Codes
CC – Core Course	CGPA	Letter Grade	CGPA	Letter Grade	Q - Qualified
GE – Generic Elective	9 and above	O (Outstanding)	5 to below 6	B (Average)	SNC – Semester Not Cleared
DSE – Discipline Specific Elective	8 to below 9	A+ (Excellent)	4 to below 5	P (Pass)	PNC – Programme Not Cleared [CGPA on the basis of CCs and DSEs < 5 or any one or more semester(s) are not cleared]
SEC – Skill Enhancement Course	7 to below 8	A (Very Good)	Below 4	F (Fail)	
AECC – Ability Enhancement Compulsory Course	6 to below 7	B+ (Good)			NC denotes “Not Computed” due to absence in C1, C2 and C4 as applicable.

	Grade Point Norms				Percentage of Conversion Formula: = (SGPA or CGPA × 10) - 5.0 *Letter Grade in CGPA is awarded on the basis of CCs and DSEs
	90% to 100%	10	80% and above but below 90%	9	
	70% and above but below 80%	8	60% and above but below 70%	7	
	50% and above but below 60%	6	40% and above but below 50%	5	
	35% and above but below 40%	4	Below 35%	Not Awarded (NA)	



THE UNIVERSITY OF BURDWAN

B.SC. 3-YEAR DEGREE HONOURS FINAL EXAMINATION 2021 UNDER CBCS GRADE CARD

Name: **DEBRAJ SAHA**Registration No. **201801044196** of 2018-19Roll No. **180340500032**

B.Sc. Honours in Chemistry (CBCS)										
Semester No.	Subject	Course Code	Course Title	Grade (G)	Credit Value (V)	Grade Point (G×V)	Credit Retained Year	SGPA on the basis of		Result Code
								CCs & DSEs	All Courses	
I	CHEMISTRY	CC-1	Organic Chemistry-I	7	6	42	2018	7.50	6.73	Q
		CC-2	Physical Chemistry-I	8	6	48	2018			
	MATHEMATICS	GE-1	Differential Calculus	5	6	30	2018			
	ENVIRONMENTAL STUDIES	AECC-1	Fundamentals of Environmental Studies	7	4	28	2018			
II	CHEMISTRY	CC-3	Inorganic Chemistry-I	7	6	42	2019	7.00	7.60	Q
		CC-4	Organic Chemistry-II	7	6	42	2019			
	PHYSICS	GE-2	Electricity and Magnetism	8	6	48	2019			
	Communicative English/MIL	AECC-2	Bengali	10	2	20	2019			
III	CHEMISTRY	CC-5	Physical Chemistry-II	6	6	36	2019	7.00	6.77	Q
		CC-6	Inorganic Chemistry-II	7	6	42	2019			
		CC-7	Organic Chemistry-III	8	6	48	2019			
	MATHEMATICS	GE-3	Real Analysis	6	6	36	2019			
	CHEMISTRY	SEC-1	Basic Analytical Chemistry	7	2	14	2019			
IV	CHEMISTRY	CC-8	Physical Chemistry-III	7	6	42	2020	7.67	7.54	Q
		CC-9	Inorganic Chemistry-III	8	6	48	2020			
		CC-10	Organic Chemistry - IV	8	6	48	2020			
	PHYSICS	GE-4	Waves and Optics	7	6	42	2020			
	CHEMISTRY	SEC-2	Analytical Clinical Biochemistry	8	2	16	2020			
V	CHEMISTRY	CC-11	Inorganic Chemistry-IV	8	6	48	2020	8.75	8.75	Q
		CC-12	Organic Chemistry-V	9	6	54	2020			
	CHEMISTRY	DSE-1	Advanced Physical Chemistry	9	6	54	2020			
		DSE-2	Analytical Methods in Chemistry	9	6	54	2020			
VI	CHEMISTRY	CC-13	Inorganic Chemistry-V	9	6	54	2021	9.25	9.25	Q
		CC-14	Physical Chemistry-IV	10	6	60	2021			
	CHEMISTRY	DSE-3	Polymer Chemistry	10	6	60	2021			
		DSE-4	Dissertation Followed by Power Point Presentation	8	6	48	2021			
CGPA (Cumulative Grade Point Average) on the basis of CCs & DSEs : 8.06							Letter Grade in CGPA : A+	Result : Q		
CGPA (Cumulative Grade Point Average) on the basis of All Courses : 7.77										

Date of Publication of Result: 26.08.2021

$$SGPA(S) = \frac{\sum_{i=1}^n (G_i \times V_i)}{\sum_{i=1}^n V_i} \quad CGPA = \frac{\sum_{i=1}^n (V_i \times S_i)}{\sum_{i=1}^n V_i}$$

Anindya Zoti Pal

Controller of the Examinations

Course Types	CGPA Letter Grades				Result Codes
CC – Core Course	CGPA	Letter Grade	CGPA	Letter Grade	Q - Qualified
GE – Generic Elective	9 and above	O (Outstanding)	5 to below 6	B (Average)	SNC – Semester Not Cleared
DSE – Discipline Specific Elective	8 to below 9	A+ (Excellent)	4 to below 5	P (Pass)	PNC – Programme Not Cleared [CGPA on the basis of CCs and DSEs < 5 or any one or more semester(s) are not cleared]
SEC – Skill Enhancement Course	7 to below 8	A (Very Good)	Below 4	F (Fail)	
AECC – Ability Enhancement Compulsory Course	6 to below 7	B+ (Good)			NC denotes “Not Computed” due to absence in C1, C2 and C4 as applicable.

	Grade Point Norms				Percentage of Conversion Formula: = (SGPA or CGPA × 10) - 5.0 *Letter Grade in CGPA is awarded on the basis of CCs and DSEs
	90% to 100%	10	80% and above but below 90%	9	
	70% and above but below 80%	8	60% and above but below 70%	7	
	50% and above but below 60%	6	40% and above but below 50%	5	
	35% and above but below 40%	4	Below 35%	Not Awarded (NA)	



THE UNIVERSITY OF BURDWAN

B.SC. 3-YEAR DEGREE HONOURS FINAL EXAMINATION 2021 UNDER CBCS GRADE CARD

Name: **DIPTONIL MUKHERJEE**Registration No. **201701044735** of 2017-18Roll No. **180340500034**

B.Sc. Honours in Botany (CBCS)										
Semester No.	Subject	Course Code	Course Title	Grade (G)	Credit Value (V)	Grade Point (G×V)	Credit Retained Year	SGPA on the basis of		Result Code
								CCs & DSEs	All Courses	
I	BOTANY	CC-1	Microbiology and Phycology	7	6	42	2018	7.00	6.45	Q
		CC-2	Archegoniatae	7	6	42	2018			
	ZOOLOGY	GE-1	Animal Diversity	5	6	30	2018			
	ENVIRONMENTAL STUDIES	AECC-1	Fundamentals of Environmental Studies	7	4	28	2018			
II	BOTANY	CC-3	Mycology and Phytopathology	6	6	36	2019	6.00	5.60	Q
		CC-4	Morphology and Anatomy of Angiosperms	6	6	36	2019			
	CHEMISTRY	GE-2	States of Matter & Chemical Kinetics, Chemical Bonding & Molecular Structure, P-Block Elements	5	6	30	2019			
	Communicative English/MIL	AECC-2	Communicative English	5	2	10	2019			
III	BOTANY	CC-5	Plant Ecology and Phytogeography	8	6	48	2019	8.00	7.38	Q
		CC-6	Plant Systematics	8	6	48	2019			
		CC-7	Economic Botany	8	6	48	2019			
	ZOOLOGY	GE-3	Physiology and Biochemistry	5	6	30	2019			
	BOTANY	SEC-1	Mushroom Culture Technology	9	2	18	2019			
IV	BOTANY	CC-8	Palaeobotany & Palynology	9	6	54	2020	9.00	8.92	Q
		CC-9	Biomolecules and Cell Biology	9	6	54	2020			
		CC-10	Molecular Biology	9	6	54	2020			
	CHEMISTRY	GE-4	Solution Phase Equilibria, Conductance, Electrochemistry, Analytical & Environmental Chemistry	9	6	54	2020			
	BOTANY	SEC-2	Herbal Technology	8	2	16	2020			
V	BOTANY	CC-11	Plant Physiology	9	6	54	2020	9.25	9.25	Q
		CC-12	Plant Metabolism	9	6	54	2020			
	BOTANY	DSE-1	Reproductive Biology of Angiosperms	10	6	60	2020			
		DSE-2	Biostatistics	9	6	54	2020			
VI	BOTANY	CC-13	Genetics & Plant Breeding	9	6	54	2021	9.25	9.25	Q
		CC-14	Plant Biotechnology	10	6	60	2021			
	BOTANY	DSE-3	Plant Evolution & Biodiversity	9	6	54	2021			
		DSE-4	Industrial and Environmental Microbiology	9	6	54	2021			
CGPA (Cumulative Grade Point Average) on the basis of CCs & DSEs : 8.39							Letter Grade in CGPA : A+	Result : Q		
CGPA (Cumulative Grade Point Average) on the basis of All Courses : 7.90										

Date of Publication of Result: 26.08.2021

$$SGPA(S) = \frac{\sum_{i=1}^n (G_i \times V_i)}{\sum_{i=1}^n V_i} \quad CGPA = \frac{\sum_{i=1}^n (V_i \times S_i)}{\sum_{i=1}^n V_i}$$

Anindya Zoti Pal

Controller of the Examinations

Course Types	CGPA Letter Grades				Result Codes
CC – Core Course	CGPA	Letter Grade	CGPA	Letter Grade	Q - Qualified
GE – Generic Elective	9 and above	O (Outstanding)	5 to below 6	B (Average)	SNC – Semester Not Cleared
DSE – Discipline Specific Elective	8 to below 9	A+ (Excellent)	4 to below 5	P (Pass)	PNC – Programme Not Cleared [CGPA on the basis of CCs and DSEs < 5 or any one or more semester(s) are not cleared]
SEC – Skill Enhancement Course	7 to below 8	A (Very Good)	Below 4	F (Fail)	
AECC – Ability Enhancement Compulsory Course	6 to below 7	B+ (Good)			NC denotes “Not Computed” due to absence in C1, C2 and C4 as applicable.

Grade Point Norms	Percentage of Conversion Formula: = (SGPA or CGPA × 10) - 5.0		
	90% to 100%	10	80% and above but below 90%
70% and above but below 80%	8	60% and above but below 70%	7
50% and above but below 60%	6	40% and above but below 50%	5
35% and above but below 40%	4	Below 35%	Not Awarded (NA)



THE UNIVERSITY OF BURDWAN

B.SC. 3-YEAR DEGREE HONOURS FINAL EXAMINATION 2021 UNDER CBCS

GRADE CARD

Name: ISHITA DAS

Registration No. 201801044200 of 2018-19

Roll No.180340500036

B.Sc. Honours in Physics (CBCS)										
Semester No.	Subject	Course Code	Course Title	Grade (G)	Credit Value (V)	Grade Point (G×V)	Credit Retained Year	SGPA on the basis of		Result Code
								CCs & DSEs	All Courses	
I	PHYSICS	CC-1	Mathematical Physics-I	8	6	48	2018	7.50	7.45	Q
		CC-2	Mechanics	7	6	42	2018			
	CHEMISTRY	GE-1	Atomic Structure, Chemical Periodicity, Acids And Bases, Redox Reactions, General Organic Chemistry & Aliphatic Hydrocarbons	7	6	42	2018			
		AECC-1	Fundamentals of Environmental Studies	8	4	32	2018			
II	PHYSICS	CC-3	Electricity and Magnetism	4	6	24	2019	5.50	6.30	Q
		CC-4	Waves and Optics	7	6	42	2019			
	MATHEMATICS	GE-2	Differential Equations	7	6	42	2019			
	Communicative English/MIL	AECC-2	Communicative English	9	2	18	2019			
III	PHYSICS	CC-5	Mathematical Physics-II	7	6	42	2019	6.33	6.54	Q
		CC-6	Thermal Physics	5	6	30	2019			
		CC-7	Digital Systems and Applications	7	6	42	2019			
	CHEMISTRY	GE-3	Chemical Energetic, Equilibria, Organic Chemistry	7	6	42	2019			
	PHYSICS	SEC-1	Renewable Energy and Energy Harvesting	7	2	14	2019			
IV	PHYSICS	CC-8	Mathematical Physics-III	8	6	48	2020	7.67	7.77	Q
		CC-9	Elements of Modern Physics	7	6	42	2020			
		CC-10	Analog Systems & Applications	8	6	48	2020			
	MATHEMATICS	GE-4	Algebra	8	6	48	2020			
	PHYSICS	SEC-2	Electrical Circuits and Network Skills	8	2	16	2020			
V	PHYSICS	CC-11	Quantum Mechanics and Applications	9	6	54	2020	9.00	9.00	Q
		CC-12	Solid State Physics	9	6	54	2020			
	PHYSICS	DSE-1	Advanced Mathematical Physics	9	6	54	2020			
		DSE-2	Classical Dynamics	9	6	54	2020			
VI	PHYSICS	CC-13	Electromagnetic Theory	9	6	54	2021	8.75	8.75	Q
		CC-14	Statistical Mechanics	9	6	54	2021			
	PHYSICS	DSE-3	Nuclear and Particle Physics	8	6	48	2021			
		DSE-4	Astronomy and Astrophysics	9	6	54	2021			
CGPA (Cumulative Grade Point Average) on the basis of CCs & DSEs : 7.72							Letter Grade in CGPA : A	Result : Q		
CGPA (Cumulative Grade Point Average) on the basis of All Courses : 7.66										


Date of Publication of Result: 26.08.2021

$$SGPA(S) = \frac{\sum_{i=1}^n (G_i \times V_i)}{\sum_{i=1}^n V_i} \quad CGPA = \frac{\sum_{i=1}^n (V_i \times S_i)}{\sum_{i=1}^n V_i}$$

Anindya Zoti Pal

Controller of the Examinations

Course Types	CGPA Letter Grades				Result Codes
CC – Core Course	CGPA	Letter Grade	CGPA	Letter Grade	Q - Qualified
GE – Generic Elective	9 and above	O (Outstanding)	5 to below 6	B (Average)	SNC – Semester Not Cleared
DSE – Discipline Specific Elective	8 to below 9	A+ (Excellent)	4 to below 5	P (Pass)	PNC – Programme Not Cleared [CGPA on the basis of CCs and DSEs < 5 or any one or more semester(s) are not cleared]
SEC – Skill Enhancement Course	7 to below 8	A (Very Good)	Below 4	F (Fail)	
AECC – Ability Enhancement Compulsory Course	6 to below 7	B+ (Good)			NC denotes “Not Computed” due to absence in C1, C2 and C4 as applicable.

	Grade Point Norms				Percentage of Conversion Formula: = (SGPA or CGPA × 10) - 5.0 *Letter Grade in CGPA is awarded on the basis of CCs and DSEs
	90% to 100%	10	80% and above but below 90%	9	
	70% and above but below 80%	8	60% and above but below 70%	7	
	50% and above but below 60%	6	40% and above but below 50%	5	
	35% and above but below 40%	4	Below 35%	Not Awarded (NA)	



THE UNIVERSITY OF BURDWAN

B.SC. 3-YEAR DEGREE HONOURS FINAL EXAMINATION 2021 UNDER CBCS GRADE CARD

Name: MADHUPARNA SAHA

Registration No. 201801044202 of 2018-19

Roll No.180340500038

B.Sc. Honours in Chemistry (CBCS)										
Semester No.	Subject	Course Code	Course Title	Grade (G)	Credit Value (V)	Grade Point (G×V)	Credit Retained Year	SGPA on the basis of		Result Code
								CCs & DSEs	All Courses	
I	CHEMISTRY	CC-1	Organic Chemistry-I	7	6	42	2018	8.00	7.36	Q
		CC-2	Physical Chemistry-I	9	6	54	2018			
	MATHEMATICS	GE-1	Differential Calculus	7	6	42	2018			
	ENVIRONMENTAL STUDIES	AECC-1	Fundamentals of Environmental Studies	6	4	24	2018			
II	CHEMISTRY	CC-3	Inorganic Chemistry-I	9	6	54	2019	8.00	8.30	Q
		CC-4	Organic Chemistry-II	7	6	42	2019			
	PHYSICS	GE-2	Electricity and Magnetism	9	6	54	2019			
	Communicative English/MIL	AECC-2	Communicative English	8	2	16	2019			
III	CHEMISTRY	CC-5	Physical Chemistry-II	9	6	54	2019	9.00	8.77	Q
		CC-6	Inorganic Chemistry-II	9	6	54	2019			
		CC-7	Organic Chemistry-III	9	6	54	2019			
	MATHEMATICS	GE-3	Real Analysis	8	6	48	2019			
	CHEMISTRY	SEC-1	Basic Analytical Chemistry	9	2	18	2019			
IV	CHEMISTRY	CC-8	Physical Chemistry-III	9	6	54	2020	9.00	8.85	Q
		CC-9	Inorganic Chemistry-III	9	6	54	2020			
		CC-10	Organic Chemistry - IV	9	6	54	2020			
	PHYSICS	GE-4	Waves and Optics	8	6	48	2020			
	CHEMISTRY	SEC-2	Analytical Clinical Biochemistry	10	2	20	2020			
V	CHEMISTRY	CC-11	Inorganic Chemistry-IV	9	6	54	2020	9.75	9.75	Q
		CC-12	Organic Chemistry-V	10	6	60	2020			
	CHEMISTRY	DSE-1	Advanced Physical Chemistry	10	6	60	2020			
		DSE-2	Analytical Methods in Chemistry	10	6	60	2020			
VI	CHEMISTRY	CC-13	Inorganic Chemistry-V	10	6	60	2021	9.75	9.75	Q
		CC-14	Physical Chemistry-IV	10	6	60	2021			
	CHEMISTRY	DSE-3	Polymer Chemistry	10	6	60	2021			
		DSE-4	Dissertation Followed by Power Point Presentation	9	6	54	2021			
CGPA (Cumulative Grade Point Average) on the basis of CCs & DSEs : 9.11							Letter Grade in CGPA : O	Result : Q		
CGPA (Cumulative Grade Point Average) on the basis of All Courses : 8.83										


Date of Publication of Result: 26.08.2021

$$SGPA(S) = \frac{\sum_{i=1}^n (G_i \times V_i)}{\sum_{i=1}^n V_i} \quad CGPA = \frac{\sum_{i=1}^n (V_i \times S_i)}{\sum_{i=1}^n V_i}$$

Anindya Zoti Pal

Controller of the Examinations

Course Types	CGPA Letter Grades				Result Codes
CC – Core Course	CGPA	Letter Grade	CGPA	Letter Grade	Q - Qualified
GE – Generic Elective	9 and above	O (Outstanding)	5 to below 6	B (Average)	SNC – Semester Not Cleared
DSE – Discipline Specific Elective	8 to below 9	A+ (Excellent)	4 to below 5	P (Pass)	PNC – Programme Not Cleared [CGPA on the basis of CCs and DSEs < 5 or any one or more semester(s) are not cleared]
SEC – Skill Enhancement Course	7 to below 8	A (Very Good)	Below 4	F (Fail)	
AECC – Ability Enhancement Compulsory Course	6 to below 7	B+ (Good)			NC denotes “Not Computed” due to absence in C1, C2 and C4 as applicable.

	Grade Point Norms				Percentage of Conversion Formula: = (SGPA or CGPA × 10) - 5.0 *Letter Grade in CGPA is awarded on the basis of CCs and DSEs
	90% to 100%	10	80% and above but below 90%	9	
	70% and above but below 80%	8	60% and above but below 70%	7	
	50% and above but below 60%	6	40% and above but below 50%	5	
	35% and above but below 40%	4	Below 35%	Not Awarded (NA)	



THE UNIVERSITY OF BURDWAN

B.SC. 3-YEAR DEGREE HONOURS FINAL EXAMINATION 2021 UNDER CBCS

GRADE CARD

Name: MANOJ KUMAR MANDAL

Registration No. 201801044203 of 2018-19

Roll No.180340500039

B.Sc. Honours in Botany (CBCS)										
Semester No.	Subject	Course Code	Course Title	Grade (G)	Credit Value (V)	Grade Point (G×V)	Credit Retained Year	SGPA on the basis of		Result Code
								CCs & DSEs	All Courses	
I	BOTANY	CC-1	Microbiology and Phycology	7	6	42	2018	7.00	6.73	Q
		CC-2	Archegoniatae	7	6	42	2018			
	ZOOLOGY	GE-1	Animal Diversity	6	6	36	2018			
	ENVIRONMENTAL STUDIES	AECC-1	Fundamentals of Environmental Studies	7	4	28	2018			
II	BOTANY	CC-3	Mycology and Phytopathology	6	6	36	2019	6.50	7.00	Q
		CC-4	Morphology and Anatomy of Angiosperms	7	6	42	2019			
	CHEMISTRY	GE-2	States of Matter & Chemical Kinetics, Chemical Bonding & Molecular Structure, P-Block Elements	8	6	48	2019			
	Communicative English/MIL	AECC-2	Communicative English	7	2	14	2019			
III	BOTANY	CC-5	Plant Ecology and Phytogeography	8	6	48	2019	8.00	7.69	Q
		CC-6	Plant Systematics	8	6	48	2019			
		CC-7	Economic Botany	8	6	48	2019			
	ZOOLOGY	GE-3	Physiology and Biochemistry	6	6	36	2019			
	BOTANY	SEC-1	Mushroom Culture Technology	10	2	20	2019			
IV	BOTANY	CC-8	Palaeobotany & Palynology	9	6	54	2020	9.00	9.00	Q
		CC-9	Biomolecules and Cell Biology	9	6	54	2020			
		CC-10	Molecular Biology	9	6	54	2020			
	CHEMISTRY	GE-4	Solution Phase Equilibria, Conductance, Electrochemistry, Analytical & Environmental Chemistry	9	6	54	2020			
	BOTANY	SEC-2	Herbal Technology	9	2	18	2020			
V	BOTANY	CC-11	Plant Physiology	9	6	54	2020	9.75	9.75	Q
		CC-12	Plant Metabolism	10	6	60	2020			
	BOTANY	DSE-1	Reproductive Biology of Angiosperms	10	6	60	2020			
		DSE-2	Biostatistics	10	6	60	2020			
VI	BOTANY	CC-13	Genetics & Plant Breeding	10	6	60	2021	9.75	9.75	Q
		CC-14	Plant Biotechnology	10	6	60	2021			
	BOTANY	DSE-3	Plant Evolution & Biodiversity	10	6	60	2021			
		DSE-4	Industrial and Environmental Microbiology	9	6	54	2021			
CGPA (Cumulative Grade Point Average) on the basis of CCs & DSEs : 8.67							Letter Grade in CGPA : A+	Result : Q		
CGPA (Cumulative Grade Point Average) on the basis of All Courses : 8.38										

Date of Publication of Result: 26.08.2021

$$SGPA(S) = \frac{\sum_{i=1}^n (G_i \times V_i)}{\sum_{i=1}^n V_i} \quad CGPA = \frac{\sum_{i=1}^n (V_i \times S_i)}{\sum_{i=1}^n V_i}$$

Anindya Zoti Pal

Controller of the Examinations

Course Types	CGPA Letter Grades				Result Codes
CC – Core Course	CGPA	Letter Grade	CGPA	Letter Grade	Q - Qualified
GE – Generic Elective	9 and above	O (Outstanding)	5 to below 6	B (Average)	SNC – Semester Not Cleared
DSE – Discipline Specific Elective	8 to below 9	A+ (Excellent)	4 to below 5	P (Pass)	PNC – Programme Not Cleared [CGPA on the basis of CCs and DSEs < 5 or any one or more semester(s) are not cleared]
SEC – Skill Enhancement Course	7 to below 8	A (Very Good)	Below 4	F (Fail)	
AECC – Ability Enhancement Compulsory Course	6 to below 7	B+ (Good)			NC denotes “Not Computed” due to absence in C1, C2 and C4 as applicable.

Grade Point Norms	Percentage of Conversion Formula: = (SGPA or CGPA × 10) - 5.0		
	90% to 100%	10	80% and above but below 90%
70% and above but below 80%	8	60% and above but below 70%	7
50% and above but below 60%	6	40% and above but below 50%	5
35% and above but below 40%	4	Below 35%	Not Awarded (NA)



THE UNIVERSITY OF BURDWAN

B.SC. 3-YEAR DEGREE HONOURS FINAL EXAMINATION 2021 UNDER CBCS

GRADE CARD

Name: MANU CHOWDHURY

Registration No. 201801044204 of 2018-19

Roll No.180340500040

B.Sc. Honours in Mathematics (CBCS)										
Semester No.	Subject	Course Code	Course Title	Grade (G)	Credit Value (V)	Grade Point (G×V)	Credit Retained Year	SGPA on the basis of		Result Code
								CCs & DSEs	All Courses	
I	MATHEMATICS	CC-1	Calculus, Geometry & Differential Equations	9	6	54	2020	9.00	7.36	Q
		CC-2	Algebra	9	6	54	2020			
	PHYSICS	GE-1	Mechanics	5	6	30	2018			
	ENVIRONMENTAL STUDIES	AECC-1	Fundamentals of Environmental Studies	6	4	24	2018			
II	MATHEMATICS	CC-3	Real Analysis	8	6	48	2019	6.50	6.10	Q
		CC-4	Differential Equations and Vector Calculus	5	6	30	2019			
	CHEMISTRY	GE-2	States of Matter & Chemical Kinetics, Chemical Bonding & Molecular Structure, P-Block Elements	5	6	30	2019			
	Communicative English/MIL	AECC-2	Communicative English	7	2	14	2019			
III	MATHEMATICS	CC-5	Theory of Real Functions & Introduction to Metric Spaces	9	6	54	2020	7.33	6.77	Q
		CC-6	Group Theory I	9	6	54	2020			
		CC-7	Numerical Methods	4	6	24	2019			
	PHYSICS	GE-3	Thermal Physics and Statistical Mechanics	5	6	30	2019			
MATHEMATICS	SEC-1	Logic and Sets	7	2	14	2019				
IV	MATHEMATICS	CC-8	Riemann Integration and Series of Functions	6	6	36	2020	6.33	6.54	Q
		CC-9	Multivariate Calculus	6	6	36	2020			
		CC-10	Ring Theory and Linear Algebra I	7	6	42	2020			
	CHEMISTRY	GE-4	Solution Phase Equilibria, Conductance, Electrochemistry, Analytical & Environmental Chemistry	7	6	42	2020			
MATHEMATICS	SEC-2	Graph Theory	7	2	14	2020				
V	MATHEMATICS	CC-11	Partial Differential Equations and Applications	9	6	54	2020	9.50	9.50	Q
		CC-12	Mechanics I	9	6	54	2020			
	MATHEMATICS	DSE-1	Linear Programming	10	6	60	2020			
		DSE-2	Probability & Statistics	10	6	60	2020			
VI	MATHEMATICS	CC-13	Metric Spaces and Complex Analysis	9	6	54	2021	9.25	9.25	Q
		CC-14	Ring Theory and Linear Algebra II	10	6	60	2021			
	MATHEMATICS	DSE-3	Project Work	9	6	54	2021			
		DSE-4	Mechanics II	9	6	54	2021			
CGPA (Cumulative Grade Point Average) on the basis of CCs & DSEs : 8.17							Letter Grade in CGPA : A+	Result : Q		
CGPA (Cumulative Grade Point Average) on the basis of All Courses : 7.61										

Date of Publication of Result: 26.08.2021

$$SGPA(S) = \frac{\sum_{i=1}^n (G_i \times V_i)}{\sum_{i=1}^n V_i} \quad CGPA = \frac{\sum_{i=1}^n (V_i \times S_i)}{\sum_{i=1}^n V_i}$$

Anindya Zoti Pal

Controller of the Examinations

Course Types	CGPA Letter Grades				Result Codes
CC – Core Course	CGPA	Letter Grade	CGPA	Letter Grade	Q - Qualified
GE – Generic Elective	9 and above	O (Outstanding)	5 to below 6	B (Average)	SNC – Semester Not Cleared
DSE – Discipline Specific Elective	8 to below 9	A+ (Excellent)	4 to below 5	P (Pass)	PNC – Programme Not Cleared [CGPA on the basis of CCs and DSEs < 5 or any one or more semester(s) are not cleared]
SEC – Skill Enhancement Course	7 to below 8	A (Very Good)	Below 4	F (Fail)	
AECC – Ability Enhancement Compulsory Course	6 to below 7	B+ (Good)			NC denotes “Not Computed” due to absence in C1, C2 and C4 as applicable.

Grade Point Norms	Percentage of Conversion Formula:		
	90% to 100%	10	80% and above but below 90%
70% and above but below 80%	8	60% and above but below 70%	7
50% and above but below 60%	6	40% and above but below 50%	5
35% and above but below 40%	4	Below 35%	Not Awarded (NA)

*Letter Grade in CGPA is awarded on the basis of CCs and DSEs



THE UNIVERSITY OF BURDWAN

B.SC. 3-YEAR DEGREE HONOURS FINAL EXAMINATION 2021 UNDER CBCS

GRADE CARD

Name: MONAMI PAUL

Registration No. 201801044205 of 2018-19

Roll No.180340500041

B.Sc. Honours in Zoology (CBCS)										
Semester No.	Subject	Course Code	Course Title	Grade (G)	Credit Value (V)	Grade Point (G×V)	Credit Retained Year	SGPA on the basis of		Result Code
								CCs & DSEs	All Courses	
I	ZOOLOGY	CC-1	Non-chordates I	9	6	54	2018	8.00	7.36	Q
		CC-2	Ecology	7	6	42	2018			
	BOTANY	GE-1	Biodiversity (Microbes, Algae, Fungi and Archegoniatae)	7	6	42	2018			
	ENVIRONMENTAL STUDIES	AECC-1	Fundamentals of Environmental Studies	6	4	24	2018			
II	ZOOLOGY	CC-3	Non-chordates II	9	6	54	2019	8.00	7.60	Q
		CC-4	Cell Biology	7	6	42	2019			
	CHEMISTRY	GE-2	States of Matter & Chemical Kinetics, Chemical Bonding & Molecular Structure, P-Block Elements	7	6	42	2019			
	Communicative English/MIL	AECC-2	Communicative English	7	2	14	2019			
III	ZOOLOGY	CC-5	Chordates	9	6	54	2019	8.00	8.23	Q
		CC-6	Animal Physiology: Controlling and Coordinating Systems	8	6	48	2019			
		CC-7	Fundamentals of Biochemistry	7	6	42	2019			
	BOTANY	GE-3	Plant Anatomy and Embryology	9	6	54	2019			
	ZOOLOGY	SEC-1	Apiculture	8	2	16	2019			
IV	ZOOLOGY	CC-8	Comparative Anatomy of Vertebrates	9	6	54	2020	9.00	9.00	Q
		CC-9	Animal Physiology: Life Sustaining Systems	9	6	54	2020			
		CC-10	Immunology	9	6	54	2020			
	CHEMISTRY	GE-4	Solution Phase Equilibria, Conductance, Electrochemistry, Analytical & Environmental Chemistry	9	6	54	2020			
	ZOOLOGY	SEC-2	Medical Diagnostics	9	2	18	2020			
V	ZOOLOGY	CC-11	Molecular Biology	8	6	48	2020	9.00	9.00	Q
		CC-12	Genetics	9	6	54	2020			
	ZOOLOGY	DSE-1	Animal Biotechnology	10	6	60	2020			
		DSE-2	Parasitology	9	6	54	2020			
VI	ZOOLOGY	CC-13	Developmental Biology	10	6	60	2021	9.75	9.75	Q
		CC-14	Evolutionary Biology	10	6	60	2021			
	ZOOLOGY	DSE-3	Animal Behaviour	10	6	60	2021			
		DSE-4	Endocrinology	9	6	54	2021			
CGPA (Cumulative Grade Point Average) on the basis of CCs & DSEs : 8.78							Letter Grade in CGPA : A+	Result : Q		
CGPA (Cumulative Grade Point Average) on the basis of All Courses : 8.54										

Date of Publication of Result: 26.08.2021

$$SGPA(S) = \frac{\sum_{i=1}^n (G_i \times V_i)}{\sum_{i=1}^n V_i} \quad CGPA = \frac{\sum_{i=1}^n (V_i \times S_i)}{\sum_{i=1}^n V_i}$$

Anindya Zoti Pal

Controller of the Examinations

Course Types	CGPA Letter Grades				Result Codes
CC – Core Course	CGPA	Letter Grade	CGPA	Letter Grade	Q - Qualified
GE – Generic Elective	9 and above	O (Outstanding)	5 to below 6	B (Average)	SNC – Semester Not Cleared
DSE – Discipline Specific Elective	8 to below 9	A+ (Excellent)	4 to below 5	P (Pass)	PNC – Programme Not Cleared [CGPA on the basis of CCs and DSEs < 5 or any one or more semester(s) are not cleared]
SEC – Skill Enhancement Course	7 to below 8	A (Very Good)	Below 4	F (Fail)	
AECC – Ability Enhancement Compulsory Course	6 to below 7	B+ (Good)			NC denotes “Not Computed” due to absence in C1, C2 and C4 as applicable.

Grade Point Norms	Percentage of Conversion Formula: = (SGPA or CGPA × 10) - 5.0		
	90% to 100%	10	80% and above but below 90%
70% and above but below 80%	8	60% and above but below 70%	7
50% and above but below 60%	6	40% and above but below 50%	5
35% and above but below 40%	4	Below 35%	Not Awarded (NA)



THE UNIVERSITY OF BURDWAN

B.SC. 3-YEAR DEGREE HONOURS FINAL EXAMINATION 2021 UNDER CBCS

GRADE CARD

Name: MOUMITA MANDAL

Registration No. 201801044206 of 2018-19

Roll No.180340500042

B.Sc. Honours in Mathematics (CBCS)										
Semester No.	Subject	Course Code	Course Title	Grade (G)	Credit Value (V)	Grade Point (G×V)	Credit Retained Year	SGPA on the basis of		Result Code
								CCs & DSEs	All Courses	
I	MATHEMATICS	CC-1	Calculus, Geometry & Differential Equations	6	6	36	2018	5.50	5.64	Q
		CC-2	Algebra	5	6	30	2018			
	PHYSICS	GE-1	Mechanics	5	6	30	2018			
	ENVIRONMENTAL STUDIES	AECC-1	Fundamentals of Environmental Studies	7	4	28	2018			
II	MATHEMATICS	CC-3	Real Analysis	7	6	42	2019	7.50	7.40	Q
		CC-4	Differential Equations and Vector Calculus	8	6	48	2019			
	CHEMISTRY	GE-2	States of Matter & Chemical Kinetics, Chemical Bonding & Molecular Structure, P-Block Elements	7	6	42	2019			
	Communicative English/MIL	AECC-2	Bengali	8	2	16	2019			
III	MATHEMATICS	CC-5	Theory of Real Functions & Introduction to Metric Spaces	4	6	24	2019	5.00	5.77	Q
		CC-6	Group Theory I	5	6	30	2019			
		CC-7	Numerical Methods	6	6	36	2019			
	PHYSICS	GE-3	Thermal Physics and Statistical Mechanics	7	6	42	2019			
MATHEMATICS	SEC-1	Logic and Sets	9	2	18	2019				
IV	MATHEMATICS	CC-8	Riemann Integration and Series of Functions	7	6	42	2020	7.33	7.54	Q
		CC-9	Multivariate Calculus	7	6	42	2020			
		CC-10	Ring Theory and Linear Algebra I	8	6	48	2020			
	CHEMISTRY	GE-4	Solution Phase Equilibria, Conductance, Electrochemistry, Analytical & Environmental Chemistry	8	6	48	2020			
MATHEMATICS	SEC-2	Graph Theory	8	2	16	2020				
V	MATHEMATICS	CC-11	Partial Differential Equations and Applications	8	6	48	2020	8.75	8.75	Q
		CC-12	Mechanics I	8	6	48	2020			
	MATHEMATICS	DSE-1	Linear Programming	9	6	54	2020			
		DSE-2	Probability & Statistics	10	6	60	2020			
VI	MATHEMATICS	CC-13	Metric Spaces and Complex Analysis	10	6	60	2021	9.75	9.75	Q
		CC-14	Ring Theory and Linear Algebra II	10	6	60	2021			
	MATHEMATICS	DSE-3	Project Work	9	6	54	2021			
		DSE-4	Mechanics II	10	6	60	2021			
CGPA (Cumulative Grade Point Average) on the basis of CCs & DSEs : 7.61							Letter Grade in CGPA : A	Result : Q		
CGPA (Cumulative Grade Point Average) on the basis of All Courses : 7.48										

Date of Publication of Result: 26.08.2021

$$SGPA(S) = \frac{\sum_{i=1}^n (G_i \times V_i)}{\sum_{i=1}^n V_i} \quad CGPA = \frac{\sum_{i=1}^n (V_i \times S_i)}{\sum_{i=1}^n V_i}$$

Anindya Zoti Pal

Controller of the Examinations

Course Types	CGPA Letter Grades				Result Codes
CC – Core Course	CGPA	Letter Grade	CGPA	Letter Grade	Q - Qualified
GE – Generic Elective	9 and above	O (Outstanding)	5 to below 6	B (Average)	SNC – Semester Not Cleared
DSE – Discipline Specific Elective	8 to below 9	A+ (Excellent)	4 to below 5	P (Pass)	PNC – Programme Not Cleared [CGPA on the basis of CCs and DSEs < 5 or any one or more semester(s) are not cleared]
SEC – Skill Enhancement Course	7 to below 8	A (Very Good)	Below 4	F (Fail)	
AECC – Ability Enhancement Compulsory Course	6 to below 7	B+ (Good)			NC denotes “Not Computed” due to absence in C1, C2 and C4 as applicable.

Grade Point Norms	Percentage of Conversion Formula:		
	90% to 100%	10	80% and above but below 90%
70% and above but below 80%	8	60% and above but below 70%	7
50% and above but below 60%	6	40% and above but below 50%	5
35% and above but below 40%	4	Below 35%	Not Awarded (NA)

Percentage of Conversion Formula:
= (SGPA or CGPA × 10) - 5.0

*Letter Grade in CGPA is awarded on the basis of CCs and DSEs



THE UNIVERSITY OF BURDWAN

B.SC. 3-YEAR DEGREE HONOURS FINAL EXAMINATION 2021 UNDER CBCS GRADE CARD

Name: NASIMUDDIN SHAIKH

Registration No. 201801044207 of 2018-19

Roll No. 180340500043

B.Sc. Honours in Chemistry (CBCS)										
Semester No.	Subject	Course Code	Course Title	Grade (G)	Credit Value (V)	Grade Point (G×V)	Credit Retained Year	SGPA on the basis of		Result Code
								CCs & DSEs	All Courses	
I	CHEMISTRY	CC-1	Organic Chemistry-I	6	6	36	2018	6.00	6.18	Q
		CC-2	Physical Chemistry-I	6	6	36	2018			
	MATHEMATICS	GE-1	Differential Calculus	6	6	36	2018			
	ENVIRONMENTAL STUDIES	AECC-1	Fundamentals of Environmental Studies	7	4	28	2018			
II	CHEMISTRY	CC-3	Inorganic Chemistry-I	5	6	30	2019	5.00	5.50	Q
		CC-4	Organic Chemistry-II	5	6	30	2019			
	PHYSICS	GE-2	Electricity and Magnetism	5	6	30	2019			
	Communicative English/MIL	AECC-2	Bengali	10	2	20	2019			
III	CHEMISTRY	CC-5	Physical Chemistry-II	5	6	30	2019	5.00	5.38	Q
		CC-6	Inorganic Chemistry-II	4	6	24	2019			
		CC-7	Organic Chemistry-III	6	6	36	2019			
	MATHEMATICS	GE-3	Real Analysis	6	6	36	2019			
	CHEMISTRY	SEC-1	Basic Analytical Chemistry	7	2	14	2019			
IV	CHEMISTRY	CC-8	Physical Chemistry-III	6	6	36	2020	5.67	6.08	Q
		CC-9	Inorganic Chemistry-III	6	6	36	2020			
		CC-10	Organic Chemistry - IV	5	6	30	2020			
	PHYSICS	GE-4	Waves and Optics	7	6	42	2020			
	CHEMISTRY	SEC-2	Analytical Clinical Biochemistry	7	2	14	2020			
V	CHEMISTRY	CC-11	Inorganic Chemistry-IV	7	6	42	2020	7.50	7.50	Q
		CC-12	Organic Chemistry-V	7	6	42	2020			
	CHEMISTRY	DSE-1	Advanced Physical Chemistry	8	6	48	2020			
		DSE-2	Analytical Methods in Chemistry	8	6	48	2020			
VI	CHEMISTRY	CC-13	Inorganic Chemistry-V	7	6	42	2021	8.00	8.00	Q
		CC-14	Physical Chemistry-IV	9	6	54	2021			
	CHEMISTRY	DSE-3	Polymer Chemistry	9	6	54	2021			
		DSE-4	Dissertation Followed by Power Point Presentation	7	6	42	2021			
CGPA (Cumulative Grade Point Average) on the basis of CCs & DSEs : 6.44							Letter Grade in CGPA : B+	Result : Q		
CGPA (Cumulative Grade Point Average) on the basis of All Courses : 6.45										

Date of Publication of Result: 26.08.2021

$$SGPA(S) = \frac{\sum_{i=1}^n (G_i \times V_i)}{\sum_{i=1}^n V_i} \quad CGPA = \frac{\sum_{i=1}^n (V_i \times S_i)}{\sum_{i=1}^n V_i}$$

Anindya Zoti Pal

Controller of the Examinations

Course Types	CGPA Letter Grades				Result Codes
CC – Core Course	CGPA	Letter Grade	CGPA	Letter Grade	Q - Qualified
GE – Generic Elective	9 and above	O (Outstanding)	5 to below 6	B (Average)	SNC – Semester Not Cleared
DSE – Discipline Specific Elective	8 to below 9	A+ (Excellent)	4 to below 5	P (Pass)	PNC – Programme Not Cleared [CGPA on the basis of CCs and DSEs < 5 or any one or more semester(s) are not cleared]
SEC – Skill Enhancement Course	7 to below 8	A (Very Good)	Below 4	F (Fail)	
AECC – Ability Enhancement Compulsory Course	6 to below 7	B+ (Good)			NC denotes “Not Computed” due to absence in C1, C2 and C4 as applicable.

	Grade Point Norms				Percentage of Conversion Formula: = (SGPA or CGPA × 10) - 5.0 *Letter Grade in CGPA is awarded on the basis of CCs and DSEs
	90% to 100%	10	80% and above but below 90%	9	
	70% and above but below 80%	8	60% and above but below 70%	7	
	50% and above but below 60%	6	40% and above but below 50%	5	
	35% and above but below 40%	4	Below 35%	Not Awarded (NA)	



THE UNIVERSITY OF BURDWAN

B.SC. 3-YEAR DEGREE HONOURS FINAL EXAMINATION 2021 UNDER CBCS

GRADE CARD

Name: NEELAKSHI PAL

Registration No. 201801044208 of 2018-19

Roll No.180340500044

B.Sc. Honours in Physiology (CBCS)										
Semester No.	Subject	Course Code	Course Title	Grade (G)	Credit Value (V)	Grade Point (G×V)	Credit Retained Year	SGPA on the basis of		Result Code
								CCs & DSEs	All Courses	
I	PHYSIOLOGY	CC-1	Cellular Basis of Physiology	9	6	54	2018	9.00	8.64	Q
		CC-2	Biological Physics and Enzymes	9	6	54	2018			
	CHEMISTRY	GE-1	Atomic Structure, Chemical Periodicity, Acids And Bases, Redox Reactions, General Organic Chemistry & Aliphatic Hydrocarbons	9	6	54	2018			
		AECC-1	Fundamentals of Environmental Studies	7	4	28	2018			
II	PHYSIOLOGY	CC-3	Physiology of Nerve and Muscle Cells	9	6	54	2019	9.50	9.30	Q
		CC-4	Chemistry of Biomolecules	10	6	60	2019			
	ZOOLOGY	GE-2	Comparative Anatomy & Developmental Biology of Vertebrates	9	6	54	2019			
	Communicative English/MIL	AECC-2	Communicative English	9	2	18	2019			
III	PHYSIOLOGY	CC-5	Circulating Body Fluids	9	6	54	2019	9.67	9.46	Q
		CC-6	Circulation	10	6	60	2019			
		CC-7	Functions of The Nervous System	10	6	60	2019			
	CHEMISTRY	GE-3	Chemical Energetic, Equilibria, Organic Chemistry	9	6	54	2019			
PHYSIOLOGY	SEC-1	Detection of Food Additives/Adulterants	9	2	18	2019				
IV	PHYSIOLOGY	CC-8	Energy Balance, Metabolism and Nutrition	10	6	60	2020	10.00	9.77	Q
		CC-9	Gastrointestinal Function	10	6	60	2020			
		CC-10	Respiration	10	6	60	2020			
	ZOOLOGY	GE-4	Genetics and Evolutionary Biology	9	6	54	2020			
	PHYSIOLOGY	SEC-2	Hematological Techniques	10	2	20	2020			
V	PHYSIOLOGY	CC-11	Special Senses	10	6	60	2020	9.75	9.75	Q
		CC-12	Endocrinology	10	6	60	2020			
	PHYSIOLOGY	DSE-1	Biological Statistics	9	6	54	2020			
		DSE-2	Sports and Exercise Physiology	10	6	60	2020			
VI	PHYSIOLOGY	CC-13	Reproduction	10	6	60	2021	10.00	10.00	Q
		CC-14	Formation and Excretion of Urine	10	6	60	2021			
	PHYSIOLOGY	DSE-3	Genetics and Molecular Biology	10	6	60	2021			
		DSE-4	Toxicology	10	6	60	2021			
CGPA (Cumulative Grade Point Average) on the basis of CCs & DSEs : 9.72							Letter Grade in CGPA : O	Result : Q		
CGPA (Cumulative Grade Point Average) on the basis of All Courses : 9.51										


Date of Publication of Result: 26.08.2021

$$SGPA(S) = \frac{\sum_{i=1}^n (G_i \times V_i)}{\sum_{i=1}^n V_i} \quad CGPA = \frac{\sum_{i=1}^n (V_i \times S_i)}{\sum_{i=1}^n V_i}$$

Anindya Zoti Pal

Controller of the Examinations

Course Types	CGPA Letter Grades				Result Codes
CC – Core Course	CGPA	Letter Grade	CGPA	Letter Grade	Q - Qualified
GE – Generic Elective	9 and above	O (Outstanding)	5 to below 6	B (Average)	SNC – Semester Not Cleared
DSE – Discipline Specific Elective	8 to below 9	A+ (Excellent)	4 to below 5	P (Pass)	PNC – Programme Not Cleared [CGPA on the basis of CCs and DSEs.<5 or any one or more semester(s) are not cleared]
SEC – Skill Enhancement Course	7 to below 8	A (Very Good)	Below 4	F (Fail)	
AECC – Ability Enhancement Compulsory Course	6 to below 7	B+ (Good)			NC denotes “Not Computed” due to absence in C1, C2 and C4 as applicable.

	Grade Point Norms				Percentage of Conversion Formula: = (SGPA or CGPA × 10) - 5.0 *Letter Grade in CGPA is awarded on the basis of CCs and DSEs
	90% to 100%	10	80% and above but below 90%	9	
	70% and above but below 80%	8	60% and above but below 70%	7	
	50% and above but below 60%	6	40% and above but below 50%	5	
	35% and above but below 40%	4	Below 35%	Not Awarded (NA)	



THE UNIVERSITY OF BURDWAN

B.SC. 3-YEAR DEGREE HONOURS FINAL EXAMINATION 2021 UNDER CBCS

GRADE CARD

Name: NEHA GOND

Registration No. 201801044209 of 2018-19

Roll No.180340500045

B.Sc. Honours in Zoology (CBCS)										
Semester No.	Subject	Course Code	Course Title	Grade (G)	Credit Value (V)	Grade Point (G×V)	Credit Retained Year	SGPA on the basis of		Result Code
								CCs & DSEs	All Courses	
I	ZOOLOGY	CC-1	Non-chordates I	9	6	54	2018	8.50	8.09	Q
		CC-2	Ecology	8	6	48	2018			
	BOTANY	GE-1	Biodiversity (Microbes, Algae, Fungi and Archegoniatae)	8	6	48	2018			
	ENVIRONMENTAL STUDIES	AECC-1	Fundamentals of Environmental Studies	7	4	28	2018			
II	ZOOLOGY	CC-3	Non-chordates II	9	6	54	2019	8.50	7.80	Q
		CC-4	Cell Biology	8	6	48	2019			
	CHEMISTRY	GE-2	States of Matter & Chemical Kinetics, Chemical Bonding & Molecular Structure, P-Block Elements	6	6	36	2019			
	Communicative English/MIL	AECC-2	Bengali	9	2	18	2019			
III	ZOOLOGY	CC-5	Chordates	10	6	60	2019	9.33	8.85	Q
		CC-6	Animal Physiology: Controlling and Coordinating Systems	9	6	54	2019			
		CC-7	Fundamentals of Biochemistry	9	6	54	2019			
	BOTANY	GE-3	Plant Anatomy and Embryology	8	6	48	2019			
	ZOOLOGY	SEC-1	Apiculture	7	2	14	2019			
IV	ZOOLOGY	CC-8	Comparative Anatomy of Vertebrates	9	6	54	2020	9.67	9.46	Q
		CC-9	Animal Physiology: Life Sustaining Systems	10	6	60	2020			
		CC-10	Immunology	10	6	60	2020			
	CHEMISTRY	GE-4	Solution Phase Equilibria, Conductance, Electrochemistry, Analytical & Environmental Chemistry	9	6	54	2020			
	ZOOLOGY	SEC-2	Medical Diagnostics	9	2	18	2020			
V	ZOOLOGY	CC-11	Molecular Biology	9	6	54	2020	9.25	9.25	Q
		CC-12	Genetics	9	6	54	2020			
	ZOOLOGY	DSE-1	Animal Biotechnology	10	6	60	2020			
		DSE-2	Parasitology	9	6	54	2020			
VI	ZOOLOGY	CC-13	Developmental Biology	10	6	60	2021	10.00	10.00	Q
		CC-14	Evolutionary Biology	10	6	60	2021			
	ZOOLOGY	DSE-3	Animal Behaviour	10	6	60	2021			
		DSE-4	Endocrinology	10	6	60	2021			
CGPA (Cumulative Grade Point Average) on the basis of CCs & DSEs : 9.33							Letter Grade in CGPA : O	Result : Q		
CGPA (Cumulative Grade Point Average) on the basis of All Courses : 8.96										


Date of Publication of Result: 26.08.2021

$$SGPA(S) = \frac{\sum_{i=1}^n (G_i \times V_i)}{\sum_{i=1}^n V_i} \quad CGPA = \frac{\sum_{i=1}^n (V_i \times S_i)}{\sum_{i=1}^n V_i}$$

Anindya Zoti Pal

Controller of the Examinations

Course Types	CGPA Letter Grades				Result Codes
CC – Core Course	CGPA	Letter Grade	CGPA	Letter Grade	Q - Qualified
GE – Generic Elective	9 and above	O (Outstanding)	5 to below 6	B (Average)	SNC – Semester Not Cleared
DSE – Discipline Specific Elective	8 to below 9	A+ (Excellent)	4 to below 5	P (Pass)	PNC – Programme Not Cleared [CGPA on the basis of CCs and DSEs < 5 or any one or more semester(s) are not cleared]
SEC – Skill Enhancement Course	7 to below 8	A (Very Good)	Below 4	F (Fail)	
AECC – Ability Enhancement Compulsory Course	6 to below 7	B+ (Good)			NC denotes “Not Computed” due to absence in C1, C2 and C4 as applicable.

	Grade Point Norms				Percentage of Conversion Formula: = (SGPA or CGPA × 10) - 5.0 *Letter Grade in CGPA is awarded on the basis of CCs and DSEs
	90% to 100%	10	80% and above but below 90%	9	
	70% and above but below 80%	8	60% and above but below 70%	7	
	50% and above but below 60%	6	40% and above but below 50%	5	
	35% and above but below 40%	4	Below 35%	Not Awarded (NA)	



THE UNIVERSITY OF BURDWAN

B.SC. 3-YEAR DEGREE HONOURS FINAL EXAMINATION 2021 UNDER CBCS

GRADE CARD

Name: PAMPA SINHA MAHAPATRA

Registration No. 201801044210 of 2018-19

Roll No.180340500046

B.Sc. Honours in Mathematics (CBCS)										
Semester No.	Subject	Course Code	Course Title	Grade (G)	Credit Value (V)	Grade Point (G×V)	Credit Retained Year	SGPA on the basis of		Result Code
								CCs & DSEs	All Courses	
I	MATHEMATICS	CC-1	Calculus, Geometry & Differential Equations	7	6	42	2018	8.50	7.82	Q
		CC-2	Algebra	10	6	60	2018			
	PHYSICS	GE-1	Mechanics	7	6	42	2018			
	ENVIRONMENTAL STUDIES	AECC-1	Fundamentals of Environmental Studies	7	4	28	2018			
II	MATHEMATICS	CC-3	Real Analysis	10	6	60	2019	9.50	9.00	Q
		CC-4	Differential Equations and Vector Calculus	9	6	54	2019			
	CHEMISTRY	GE-2	States of Matter & Chemical Kinetics, Chemical Bonding & Molecular Structure, P-Block Elements	8	6	48	2019			
	Communicative English/MIL	AECC-2	Bengali	9	2	18	2019			
III	MATHEMATICS	CC-5	Theory of Real Functions & Introduction to Metric Spaces	7	6	42	2019	7.00	7.38	Q
		CC-6	Group Theory I	7	6	42	2019			
		CC-7	Numerical Methods	7	6	42	2019			
	PHYSICS	GE-3	Thermal Physics and Statistical Mechanics	8	6	48	2019			
MATHEMATICS	SEC-1	Logic and Sets	9	2	18	2019				
IV	MATHEMATICS	CC-8	Riemann Integration and Series of Functions	8	6	48	2020	8.33	8.54	Q
		CC-9	Multivariate Calculus	8	6	48	2020			
		CC-10	Ring Theory and Linear Algebra I	9	6	54	2020			
	CHEMISTRY	GE-4	Solution Phase Equilibria, Conductance, Electrochemistry, Analytical & Environmental Chemistry	9	6	54	2020			
MATHEMATICS	SEC-2	Graph Theory	9	2	18	2020				
V	MATHEMATICS	CC-11	Partial Differential Equations and Applications	10	6	60	2020	10.00	10.00	Q
		CC-12	Mechanics I	10	6	60	2020			
	MATHEMATICS	DSE-1	Linear Programming	10	6	60	2020			
		DSE-2	Probability & Statistics	10	6	60	2020			
VI	MATHEMATICS	CC-13	Metric Spaces and Complex Analysis	10	6	60	2021	9.75	9.75	Q
		CC-14	Ring Theory and Linear Algebra II	10	6	60	2021			
	MATHEMATICS	DSE-3	Project Work	9	6	54	2021			
		DSE-4	Mechanics II	10	6	60	2021			
CGPA (Cumulative Grade Point Average) on the basis of CCs & DSEs : 8.94							Letter Grade in CGPA : A+	Result : Q		
CGPA (Cumulative Grade Point Average) on the basis of All Courses : 8.73										


Date of Publication of Result: 26.08.2021

$$SGPA(S) = \frac{\sum_{i=1}^n (G_i \times V_i)}{\sum_{i=1}^n V_i} \quad CGPA = \frac{\sum_{i=1}^n (V_i \times S_i)}{\sum_{i=1}^n V_i}$$

Anindya Zoti Pal

Controller of the Examinations

Course Types	CGPA Letter Grades				Result Codes
CC – Core Course	CGPA	Letter Grade	CGPA	Letter Grade	Q - Qualified
GE – Generic Elective	9 and above	O (Outstanding)	5 to below 6	B (Average)	SNC – Semester Not Cleared
DSE – Discipline Specific Elective	8 to below 9	A+ (Excellent)	4 to below 5	P (Pass)	PNC – Programme Not Cleared [CGPA on the basis of CCs and DSEs < 5 or any one or more semester(s) are not cleared]
SEC – Skill Enhancement Course	7 to below 8	A (Very Good)	Below 4	F (Fail)	
AECC – Ability Enhancement Compulsory Course	6 to below 7	B+ (Good)			NC denotes “Not Computed” due to absence in C1, C2 and C4 as applicable.

	Grade Point Norms				Percentage of Conversion Formula: = (SGPA or CGPA × 10) - 5.0 *Letter Grade in CGPA is awarded on the basis of CCs and DSEs
	90% to 100%	10	80% and above but below 90%	9	
	70% and above but below 80%	8	60% and above but below 70%	7	
	50% and above but below 60%	6	40% and above but below 50%	5	
35% and above but below 40%	4	Below 35%	Not Awarded (NA)		



THE UNIVERSITY OF BURDWAN

B.SC. 3-YEAR DEGREE HONOURS FINAL EXAMINATION 2021 UNDER CBCS

GRADE CARD

Name: PAULAMI DAS

Registration No. 201801044211 of 2018-19

Roll No.180340500047

B.Sc. Honours in Physics (CBCS)										
Semester No.	Subject	Course Code	Course Title	Grade (G)	Credit Value (V)	Grade Point (G×V)	Credit Retained Year	SGPA on the basis of		Result Code
								CCs & DSEs	All Courses	
I	PHYSICS	CC-1	Mathematical Physics-I	8	6	48	2018	7.00	7.55	Q
		CC-2	Mechanics	6	6	36	2018			
	CHEMISTRY	GE-1	Atomic Structure, Chemical Periodicity, Acids And Bases, Redox Reactions, General Organic Chemistry & Aliphatic Hydrocarbons	9	6	54	2018			
		AECC-1	Fundamentals of Environmental Studies	7	4	28	2018			
II	PHYSICS	CC-3	Electricity and Magnetism	5	6	30	2019	6.00	7.00	Q
		CC-4	Waves and Optics	7	6	42	2019			
	MATHEMATICS	GE-2	Differential Equations	9	6	54	2019			
	Communicative English/MIL	AECC-2	Communicative English	7	2	14	2019			
III	PHYSICS	CC-5	Mathematical Physics-II	7	6	42	2019	7.33	7.38	Q
		CC-6	Thermal Physics	7	6	42	2019			
		CC-7	Digital Systems and Applications	8	6	48	2019			
	CHEMISTRY	GE-3	Chemical Energetic, Equilibria, Organic Chemistry	8	6	48	2019			
PHYSICS	SEC-1	Renewable Energy and Energy Harvesting	6	2	12	2019				
IV	PHYSICS	CC-8	Mathematical Physics-III	9	6	54	2020	8.33	8.46	Q
		CC-9	Elements of Modern Physics	8	6	48	2020			
		CC-10	Analog Systems & Applications	8	6	48	2020			
	MATHEMATICS	GE-4	Algebra	9	6	54	2020			
PHYSICS	SEC-2	Electrical Circuits and Network Skills	8	2	16	2020				
V	PHYSICS	CC-11	Quantum Mechanics and Applications	10	6	60	2020	9.25	9.25	Q
		CC-12	Solid State Physics	9	6	54	2020			
	PHYSICS	DSE-1	Advanced Mathematical Physics	9	6	54	2020			
		DSE-2	Classical Dynamics	9	6	54	2020			
VI	PHYSICS	CC-13	Electromagnetic Theory	9	6	54	2021	8.75	8.75	Q
		CC-14	Statistical Mechanics	9	6	54	2021			
	PHYSICS	DSE-3	Nuclear and Particle Physics	8	6	48	2021			
		DSE-4	Astronomy and Astrophysics	9	6	54	2021			
CGPA (Cumulative Grade Point Average) on the basis of CCs & DSEs : 8.06							Letter Grade in CGPA : A+	Result : Q		
CGPA (Cumulative Grade Point Average) on the basis of All Courses : 8.10										


Date of Publication of Result: 26.08.2021

$$SGPA(S) = \frac{\sum_{i=1}^n (G_i \times V_i)}{\sum_{i=1}^n V_i} \quad CGPA = \frac{\sum_{i=1}^n (V_i \times S_i)}{\sum_{i=1}^n V_i}$$

Anindya Zoti Pal

Controller of the Examinations

Course Types	CGPA Letter Grades				Result Codes
CC – Core Course	CGPA	Letter Grade	CGPA	Letter Grade	Q - Qualified
GE – Generic Elective	9 and above	O (Outstanding)	5 to below 6	B (Average)	SNC – Semester Not Cleared
DSE – Discipline Specific Elective	8 to below 9	A+ (Excellent)	4 to below 5	P (Pass)	PNC – Programme Not Cleared [CGPA on the basis of CCs and DSEs.<5 or any one or more semester(s) are not cleared]
SEC – Skill Enhancement Course	7 to below 8	A (Very Good)	Below 4	F (Fail)	
AECC – Ability Enhancement Compulsory Course	6 to below 7	B+ (Good)			NC denotes “Not Computed” due to absence in C1, C2 and C4 as applicable.

	Grade Point Norms				Percentage of Conversion Formula: = (SGPA or CGPA × 10) - 5.0 *Letter Grade in CGPA is awarded on the basis of CCs and DSEs
	90% to 100%	10	80% and above but below 90%	9	
	70% and above but below 80%	8	60% and above but below 70%	7	
	50% and above but below 60%	6	40% and above but below 50%	5	
	35% and above but below 40%	4	Below 35%	Not Awarded (NA)	



THE UNIVERSITY OF BURDWAN

B.SC. 3-YEAR DEGREE HONOURS FINAL EXAMINATION 2021 UNDER CBCS

GRADE CARD

Name: **PIYASA GHOSH**Registration No. **201801044212** of **2018-19**Roll No. **180340500048**

B.Sc. Honours in Physiology (CBCS)										
Semester No.	Subject	Course Code	Course Title	Grade (G)	Credit Value (V)	Grade Point (G×V)	Credit Retained Year	SGPA on the basis of		Result Code
								CCs & DSEs	All Courses	
I	PHYSIOLOGY	CC-1	Cellular Basis of Physiology	5	6	30	2018	6.00	5.73	Q
		CC-2	Biological Physics and Enzymes	7	6	42	2018			
	CHEMISTRY	GE-1	Atomic Structure, Chemical Periodicity, Acids And Bases, Redox Reactions, General Organic Chemistry & Aliphatic Hydrocarbons	5	6	30	2018			
		AECC-1	Fundamentals of Environmental Studies	6	4	24	2018			
II	PHYSIOLOGY	CC-3	Physiology of Nerve and Muscle Cells	7	6	42	2019	8.00	7.00	Q
		CC-4	Chemistry of Biomolecules	9	6	54	2019			
	ZOOLOGY	GE-2	Comparative Anatomy & Developmental Biology of Vertebrates	5	6	30	2019			
	Communicative English/MIL	AECC-2	Communicative English	7	2	14	2019			
III	PHYSIOLOGY	CC-5	Circulating Body Fluids	7	6	42	2019	7.00	6.23	Q
		CC-6	Circulation	7	6	42	2019			
		CC-7	Functions of The Nervous System	7	6	42	2019			
	CHEMISTRY	GE-3	Chemical Energetic, Equilibria, Organic Chemistry	4	6	24	2019			
PHYSIOLOGY	SEC-1	Detection of Food Additives/Adulterants	6	2	12	2019				
IV	PHYSIOLOGY	CC-8	Energy Balance, Metabolism and Nutrition	9	6	54	2020	9.00	8.62	Q
		CC-9	Gastrointestinal Function	9	6	54	2020			
		CC-10	Respiration	9	6	54	2020			
	ZOOLOGY	GE-4	Genetics and Evolutionary Biology	8	6	48	2020			
	PHYSIOLOGY	SEC-2	Hematological Techniques	7	2	14	2020			
V	PHYSIOLOGY	CC-11	Special Senses	8	6	48	2020	8.75	8.75	Q
		CC-12	Endocrinology	9	6	54	2020			
	PHYSIOLOGY	DSE-1	Biological Statistics	9	6	54	2020			
		DSE-2	Sports and Exercise Physiology	9	6	54	2020			
VI	PHYSIOLOGY	CC-13	Reproduction	8	6	48	2021	8.75	8.75	Q
		CC-14	Formation and Excretion of Urine	9	6	54	2021			
	PHYSIOLOGY	DSE-3	Genetics and Molecular Biology	9	6	54	2021			
		DSE-4	Toxicology	9	6	54	2021			
CGPA (Cumulative Grade Point Average) on the basis of CCs & DSEs : 8.11							Letter Grade in CGPA : A+	Result : Q		
CGPA (Cumulative Grade Point Average) on the basis of All Courses : 7.55										

Date of Publication of Result: 26.08.2021

$$SGPA(S) = \frac{\sum_{i=1}^n (G_i \times V_i)}{\sum_{i=1}^n V_i} \quad CGPA = \frac{\sum_{i=1}^n (V_i \times S_i)}{\sum_{i=1}^n V_i}$$

Anindya Zoti Pal

Controller of the Examinations

Course Types	CGPA Letter Grades				Result Codes
CC – Core Course	CGPA	Letter Grade	CGPA	Letter Grade	Q - Qualified
GE – Generic Elective	9 and above	O (Outstanding)	5 to below 6	B (Average)	SNC – Semester Not Cleared
DSE – Discipline Specific Elective	8 to below 9	A+ (Excellent)	4 to below 5	P (Pass)	PNC – Programme Not Cleared [CGPA on the basis of CCs and DSEs < 5 or any one or more semester(s) are not cleared]
SEC – Skill Enhancement Course	7 to below 8	A (Very Good)	Below 4	F (Fail)	
AECC – Ability Enhancement Compulsory Course	6 to below 7	B+ (Good)			NC denotes “Not Computed” due to absence in C1, C2 and C4 as applicable.

Grade Point Norms	Grade Point Norms		Percentage of Conversion Formula: = (SGPA or CGPA × 10) - 5.0
	90% to 100%	10	
70% and above but below 80%	8	60% and above but below 70%	7
50% and above but below 60%	6	40% and above but below 50%	5
35% and above but below 40%	4	Below 35%	Not Awarded (NA)



THE UNIVERSITY OF BURDWAN

B.SC. 3-YEAR DEGREE HONOURS FINAL EXAMINATION 2021 UNDER CBCS GRADE CARD

Name: **PRADIP MONDAL**Registration No. **201801044213** of 2018-19Roll No. **180340500049**

B.Sc. Honours in Geology (CBCS)										
Semester No.	Subject	Course Code	Course Title	Grade (G)	Credit Value (V)	Grade Point (G×V)	Credit Retained Year	SGPA on the basis of		Result Code
								CCs & DSEs	All Courses	
I	GEOLOGY	CC-1	Earth System Science	8	6	48	2018	8.50	8.27	Q
		CC-2	Mineral Science	9	6	54	2018			
	MATHEMATICS	GE-1	Differential Calculus	8	6	48	2018			
	ENVIRONMENTAL STUDIES	AECC-1	Fundamentals of Environmental Studies	8	4	32	2018			
II	GEOLOGY	CC-3	Elements of Geochemistry	9	6	54	2019	9.50	9.00	Q
		CC-4	Structural Geology	10	6	60	2019			
	PHYSICS	GE-2	Electricity and Magnetism	8	6	48	2019			
	Communicative English/MIL	AECC-2	Communicative English	9	2	18	2019			
III	GEOLOGY	CC-5	Igneous Petrology	9	6	54	2019	8.67	8.85	Q
		CC-6	Sedimentology	8	6	48	2019			
		CC-7	Paleontology	9	6	54	2019			
	MATHEMATICS	GE-3	Real Analysis	9	6	54	2019			
	GEOLOGY	SEC-1	Basic Field Training	10	2	20	2019			
IV	GEOLOGY	CC-8	Metamorphic Petrology	9	6	54	2020	9.33	9.31	Q
		CC-9	Principles of Stratigraphy and Precambrian Stratigraphy of India	10	6	60	2020			
		CC-10	Phanerozoic Stratigraphy of India	9	6	54	2020			
	PHYSICS	GE-4	Waves and Optics	9	6	54	2020			
	GEOLOGY	SEC-2	Geological Mapping and Structural Geology Field	10	2	20	2020			
V	GEOLOGY	CC-11	Hydrogeology	10	6	60	2020	9.75	9.75	Q
		CC-12	Economic Geology	9	6	54	2020			
	GEOLOGY	DSE-1	Geodynamics	10	6	60	2020			
		DSE-2	Introduction to Geophysics	10	6	60	2020			
VI	GEOLOGY	CC-13	Geomorphology, Remote Sensing & GIS	10	6	60	2021	9.75	9.75	Q
		CC-14	Engineering Geology	10	6	60	2021			
	GEOLOGY	DSE-3	Fuel Geology	9	6	54	2021			
		DSE-4	Evolution of Life Through Time	10	6	60	2021			
CGPA (Cumulative Grade Point Average) on the basis of CCs & DSEs : 9.33							Letter Grade in CGPA : O	Result : Q		
CGPA (Cumulative Grade Point Average) on the basis of All Courses : 9.17										


Date of Publication of Result: 26.08.2021

$$SGPA(S) = \frac{\sum_{i=1}^n (G_i \times V_i)}{\sum_{i=1}^n V_i} \quad CGPA = \frac{\sum_{i=1}^n (V_i \times S_i)}{\sum_{i=1}^n V_i}$$

Anindya Zoti Pal

Controller of the Examinations

Course Types	CGPA Letter Grades				Result Codes
CC – Core Course	CGPA	Letter Grade	CGPA	Letter Grade	Q - Qualified
GE – Generic Elective	9 and above	O (Outstanding)	5 to below 6	B (Average)	SNC – Semester Not Cleared
DSE – Discipline Specific Elective	8 to below 9	A+ (Excellent)	4 to below 5	P (Pass)	PNC – Programme Not Cleared [CGPA on the basis of CCs and DSEs < 5 or any one or more semester(s) are not cleared]
SEC – Skill Enhancement Course	7 to below 8	A (Very Good)	Below 4	F (Fail)	
AECC – Ability Enhancement Compulsory Course	6 to below 7	B+ (Good)			NC denotes “Not Computed” due to absence in C1, C2 and C4 as applicable.

	Grade Point Norms				Percentage of Conversion Formula: = (SGPA or CGPA × 10) - 5.0 *Letter Grade in CGPA is awarded on the basis of CCs and DSEs
	90% to 100%	10	80% and above but below 90%	9	
	70% and above but below 80%	8	60% and above but below 70%	7	
	50% and above but below 60%	6	40% and above but below 50%	5	
	35% and above but below 40%	4	Below 35%	Not Awarded (NA)	



THE UNIVERSITY OF BURDWAN

B.SC. 3-YEAR DEGREE HONOURS FINAL EXAMINATION 2021 UNDER CBCS

GRADE CARD

Name: **PREETI DEY**Registration No. **201801044214** of 2018-19Roll No. **180340500050**

B.Sc. Honours in Mathematics (CBCS)										
Semester No.	Subject	Course Code	Course Title	Grade (G)	Credit Value (V)	Grade Point (G×V)	Credit Retained Year	SGPA on the basis of		Result Code
								CCs & DSEs	All Courses	
I	MATHEMATICS	CC-1	Calculus, Geometry & Differential Equations	8	6	48	2018	8.50	8.09	Q
		CC-2	Algebra	9	6	54	2018			
	PHYSICS	GE-1	Mechanics	8	6	48	2018			
	ENVIRONMENTAL STUDIES	AECC-1	Fundamentals of Environmental Studies	7	4	28	2018			
II	MATHEMATICS	CC-3	Real Analysis	9	6	54	2019	9.50	9.10	Q
		CC-4	Differential Equations and Vector Calculus	10	6	60	2019			
	CHEMISTRY	GE-2	States of Matter & Chemical Kinetics, Chemical Bonding & Molecular Structure, P-Block Elements	8	6	48	2019			
	Communicative English/MIL	AECC-2	Bengali	10	2	20	2019			
III	MATHEMATICS	CC-5	Theory of Real Functions & Introduction to Metric Spaces	6	6	36	2019	6.33	6.69	Q
		CC-6	Group Theory I	6	6	36	2019			
		CC-7	Numerical Methods	7	6	42	2019			
	PHYSICS	GE-3	Thermal Physics and Statistical Mechanics	7	6	42	2019			
MATHEMATICS	SEC-1	Logic and Sets	9	2	18	2019				
IV	MATHEMATICS	CC-8	Riemann Integration and Series of Functions	8	6	48	2020	8.33	8.54	Q
		CC-9	Multivariate Calculus	8	6	48	2020			
		CC-10	Ring Theory and Linear Algebra I	9	6	54	2020			
	CHEMISTRY	GE-4	Solution Phase Equilibria, Conductance, Electrochemistry, Analytical & Environmental Chemistry	9	6	54	2020			
MATHEMATICS	SEC-2	Graph Theory	9	2	18	2020				
V	MATHEMATICS	CC-11	Partial Differential Equations and Applications	10	6	60	2020	10.00	10.00	Q
		CC-12	Mechanics I	10	6	60	2020			
	MATHEMATICS	DSE-1	Linear Programming	10	6	60	2020			
		DSE-2	Probability & Statistics	10	6	60	2020			
VI	MATHEMATICS	CC-13	Metric Spaces and Complex Analysis	10	6	60	2021	9.75	9.75	Q
		CC-14	Ring Theory and Linear Algebra II	10	6	60	2021			
	MATHEMATICS	DSE-3	Project Work	9	6	54	2021			
		DSE-4	Mechanics II	10	6	60	2021			
CGPA (Cumulative Grade Point Average) on the basis of CCs & DSEs : 8.83							Letter Grade in CGPA : A+	Result : Q		
CGPA (Cumulative Grade Point Average) on the basis of All Courses : 8.66										

Date of Publication of Result: 26.08.2021

$$SGPA(S) = \frac{\sum_{i=1}^n (G_i \times V_i)}{\sum_{i=1}^n V_i} \quad CGPA = \frac{\sum_{i=1}^n (V_i \times S_i)}{\sum_{i=1}^n V_i}$$

Anindya Zoti Pal

Controller of the Examinations

Course Types	CGPA Letter Grades				Result Codes
CC – Core Course	CGPA	Letter Grade	CGPA	Letter Grade	Q - Qualified
GE – Generic Elective	9 and above	O (Outstanding)	5 to below 6	B (Average)	SNC – Semester Not Cleared
DSE – Discipline Specific Elective	8 to below 9	A+ (Excellent)	4 to below 5	P (Pass)	PNC – Programme Not Cleared [CGPA on the basis of CCs and DSEs < 5 or any one or more semester(s) are not cleared]
SEC – Skill Enhancement Course	7 to below 8	A (Very Good)	Below 4	F (Fail)	
AECC – Ability Enhancement Compulsory Course	6 to below 7	B+ (Good)			NC denotes “Not Computed” due to absence in C1, C2 and C4 as applicable.

Grade Point Norms	Percentage of Conversion Formula:		
	90% to 100%	10	80% and above but below 90%
70% and above but below 80%	8	60% and above but below 70%	7
50% and above but below 60%	6	40% and above but below 50%	5
35% and above but below 40%	4	Below 35%	Not Awarded (NA)

*Letter Grade in CGPA is awarded on the basis of CCs and DSEs



THE UNIVERSITY OF BURDWAN

B.SC. 3-YEAR DEGREE HONOURS FINAL EXAMINATION 2021 UNDER CBCS

GRADE CARD

Name: PULAMA MITRA

Registration No. 201801044215 of 2018-19

Roll No.180340500051

B.Sc. Honours in Botany (CBCS)										
Semester No.	Subject	Course Code	Course Title	Grade (G)	Credit Value (V)	Grade Point (G×V)	Credit Retained Year	SGPA on the basis of		Result Code
								CCs & DSEs	All Courses	
I	BOTANY	CC-1	Microbiology and Phycology	9	6	54	2018	8.50	8.09	Q
		CC-2	Archegoniatae	8	6	48	2018			
	ZOOLOGY	GE-1	Animal Diversity	8	6	48	2018			
	ENVIRONMENTAL STUDIES	AECC-1	Fundamentals of Environmental Studies	7	4	28	2018			
II	BOTANY	CC-3	Mycology and Phytopathology	8	6	48	2019	8.00	7.60	Q
		CC-4	Morphology and Anatomy of Angiosperms	8	6	48	2019			
	CHEMISTRY	GE-2	States of Matter & Chemical Kinetics, Chemical Bonding & Molecular Structure, P-Block Elements	7	6	42	2019			
	Communicative English/MIL	AECC-2	Communicative English	7	2	14	2019			
III	BOTANY	CC-5	Plant Ecology and Phytogeography	9	6	54	2019	9.00	8.62	Q
		CC-6	Plant Systematics	9	6	54	2019			
		CC-7	Economic Botany	9	6	54	2019			
	ZOOLOGY	GE-3	Physiology and Biochemistry	7	6	42	2019			
	BOTANY	SEC-1	Mushroom Culture Technology	10	2	20	2019			
IV	BOTANY	CC-8	Palaeobotany & Palynology	9	6	54	2020	9.33	9.31	Q
		CC-9	Biomolecules and Cell Biology	10	6	60	2020			
		CC-10	Molecular Biology	9	6	54	2020			
	CHEMISTRY	GE-4	Solution Phase Equilibria, Conductance, Electrochemistry, Analytical & Environmental Chemistry	9	6	54	2020			
	BOTANY	SEC-2	Herbal Technology	10	2	20	2020			
V	BOTANY	CC-11	Plant Physiology	10	6	60	2020	10.00	10.00	Q
		CC-12	Plant Metabolism	10	6	60	2020			
	BOTANY	DSE-1	Reproductive Biology of Angiosperms	10	6	60	2020			
		DSE-2	Biostatistics	10	6	60	2020			
VI	BOTANY	CC-13	Genetics & Plant Breeding	10	6	60	2021	10.00	10.00	Q
		CC-14	Plant Biotechnology	10	6	60	2021			
	BOTANY	DSE-3	Plant Evolution & Biodiversity	10	6	60	2021			
		DSE-4	Industrial and Environmental Microbiology	10	6	60	2021			
CGPA (Cumulative Grade Point Average) on the basis of CCs & DSEs : 9.33							Letter Grade in CGPA : O	Result : Q		
CGPA (Cumulative Grade Point Average) on the basis of All Courses : 8.99										


Date of Publication of Result: 26.08.2021

$$SGPA(S) = \frac{\sum_{i=1}^n (G_i \times V_i)}{\sum_{i=1}^n V_i} \quad CGPA = \frac{\sum_{i=1}^n (V_i \times S_i)}{\sum_{i=1}^n V_i}$$

Anindya Zoti Pal

Controller of the Examinations

Course Types	CGPA Letter Grades				Result Codes
CC – Core Course	CGPA	Letter Grade	CGPA	Letter Grade	Q - Qualified
GE – Generic Elective	9 and above	O (Outstanding)	5 to below 6	B (Average)	SNC – Semester Not Cleared
DSE – Discipline Specific Elective	8 to below 9	A+ (Excellent)	4 to below 5	P (Pass)	PNC – Programme Not Cleared [CGPA on the basis of CCs and DSEs < 5 or any one or more semester(s) are not cleared]
SEC – Skill Enhancement Course	7 to below 8	A (Very Good)	Below 4	F (Fail)	
AECC – Ability Enhancement Compulsory Course	6 to below 7	B+ (Good)			NC denotes “Not Computed” due to absence in C1, C2 and C4 as applicable.

	Grade Point Norms				Percentage of Conversion Formula: = (SGPA or CGPA × 10) - 5.0 *Letter Grade in CGPA is awarded on the basis of CCs and DSEs
	90% to 100%	10	80% and above but below 90%	9	
	70% and above but below 80%	8	60% and above but below 70%	7	
	50% and above but below 60%	6	40% and above but below 50%	5	
	35% and above but below 40%	4	Below 35%	Not Awarded (NA)	



THE UNIVERSITY OF BURDWAN

B.SC. 3-YEAR DEGREE HONOURS FINAL EXAMINATION 2021 UNDER CBCS

GRADE CARD

Name: RIMIKA DAS

Registration No. 201801044216 of 2018-19

Roll No.180340500052

B.Sc. Honours in Botany (CBCS)										
Semester No.	Subject	Course Code	Course Title	Grade (G)	Credit Value (V)	Grade Point (G×V)	Credit Retained Year	SGPA on the basis of		Result Code
								CCs & DSEs	All Courses	
I	BOTANY	CC-1	Microbiology and Phycology	7	6	42	2018	7.00	6.27	Q
		CC-2	Archegoniatae	7	6	42	2018			
	ZOOLOGY	GE-1	Animal Diversity	5	6	30	2018			
	ENVIRONMENTAL STUDIES	AECC-1	Fundamentals of Environmental Studies	6	4	24	2018			
II	BOTANY	CC-3	Mycology and Phytopathology	6	6	36	2019	6.00	6.10	Q
		CC-4	Morphology and Anatomy of Angiosperms	6	6	36	2019			
	CHEMISTRY	GE-2	States of Matter & Chemical Kinetics, Chemical Bonding & Molecular Structure, P-Block Elements	6	6	36	2019			
	Communicative English/MIL	AECC-2	Communicative English	7	2	14	2019			
III	BOTANY	CC-5	Plant Ecology and Phytogeography	8	6	48	2019	8.00	7.38	Q
		CC-6	Plant Systematics	8	6	48	2019			
		CC-7	Economic Botany	8	6	48	2019			
	ZOOLOGY	GE-3	Physiology and Biochemistry	5	6	30	2019			
	BOTANY	SEC-1	Mushroom Culture Technology	9	2	18	2019			
IV	BOTANY	CC-8	Palaeobotany & Palynology	9	6	54	2020	9.00	8.77	Q
		CC-9	Biomolecules and Cell Biology	9	6	54	2020			
		CC-10	Molecular Biology	9	6	54	2020			
	CHEMISTRY	GE-4	Solution Phase Equilibria, Conductance, Electrochemistry, Analytical & Environmental Chemistry	8	6	48	2020			
	BOTANY	SEC-2	Herbal Technology	9	2	18	2020			
V	BOTANY	CC-11	Plant Physiology	9	6	54	2020	9.75	9.75	Q
		CC-12	Plant Metabolism	10	6	60	2020			
	BOTANY	DSE-1	Reproductive Biology of Angiosperms	10	6	60	2020			
		DSE-2	Biostatistics	10	6	60	2020			
VI	BOTANY	CC-13	Genetics & Plant Breeding	9	6	54	2021	9.00	9.00	Q
		CC-14	Plant Biotechnology	9	6	54	2021			
	BOTANY	DSE-3	Plant Evolution & Biodiversity	9	6	54	2021			
		DSE-4	Industrial and Environmental Microbiology	9	6	54	2021			
CGPA (Cumulative Grade Point Average) on the basis of CCs & DSEs : 8.44							Letter Grade in CGPA : A+	Result : Q		
CGPA (Cumulative Grade Point Average) on the basis of All Courses : 7.96										

Date of Publication of Result: 26.08.2021

$$SGPA(S) = \frac{\sum_{i=1}^n (G_i \times V_i)}{\sum_{i=1}^n V_i} \quad CGPA = \frac{\sum_{i=1}^n (V_i \times S_i)}{\sum_{i=1}^n V_i}$$

Anindya Zoti Pal

Controller of the Examinations

Course Types	CGPA Letter Grades				Result Codes
CC – Core Course	CGPA	Letter Grade	CGPA	Letter Grade	Q - Qualified
GE – Generic Elective	9 and above	O (Outstanding)	5 to below 6	B (Average)	SNC – Semester Not Cleared
DSE – Discipline Specific Elective	8 to below 9	A+ (Excellent)	4 to below 5	P (Pass)	PNC – Programme Not Cleared [CGPA on the basis of CCs and DSEs < 5 or any one or more semester(s) are not cleared]
SEC – Skill Enhancement Course	7 to below 8	A (Very Good)	Below 4	F (Fail)	
AECC – Ability Enhancement Compulsory Course	6 to below 7	B+ (Good)			NC denotes “Not Computed” due to absence in C1, C2 and C4 as applicable.

Grade Point Norms	Percentage of Conversion Formula: = (SGPA or CGPA × 10) - 5.0		
	90% to 100%	10	80% and above but below 90%
70% and above but below 80%	8	60% and above but below 70%	7
50% and above but below 60%	6	40% and above but below 50%	5
35% and above but below 40%	4	Below 35%	Not Awarded (NA)



THE UNIVERSITY OF BURDWAN

B.SC. 3-YEAR DEGREE HONOURS FINAL EXAMINATION 2021 UNDER CBCS

GRADE CARD

Name: RIMPA NAG

Registration No. 201801044217 of 2018-19

Roll No.180340500053

B.Sc. Honours in Zoology (CBCS)										
Semester No.	Subject	Course Code	Course Title	Grade (G)	Credit Value (V)	Grade Point (G×V)	Credit Retained Year	SGPA on the basis of		Result Code
								CCs & DSEs	All Courses	
I	ZOOLOGY	CC-1	Non-chordates I	8	6	48	2018	8.00	7.55	Q
		CC-2	Ecology	8	6	48	2018			
	BOTANY	GE-1	Biodiversity (Microbes, Algae, Fungi and Archeogoniatae)	7	6	42	2018			
	ENVIRONMENTAL STUDIES	AECC-1	Fundamentals of Environmental Studies	7	4	28	2018			
II	ZOOLOGY	CC-3	Non-chordates II	7	6	42	2019	6.00	6.20	Q
		CC-4	Cell Biology	5	6	30	2019			
	CHEMISTRY	GE-2	States of Matter & Chemical Kinetics, Chemical Bonding & Molecular Structure, P-Block Elements	6	6	36	2019			
	Communicative English/MIL	AECC-2	Communicative English	8	2	16	2019			
III	ZOOLOGY	CC-5	Chordates	9	6	54	2019	7.67	7.92	Q
		CC-6	Animal Physiology: Controlling and Coordinating Systems	8	6	48	2019			
	CC-7	Fundamentals of Biochemistry	6	6	36	2019				
	BOTANY	GE-3	Plant Anatomy and Embryology	9	6	54	2019			
	ZOOLOGY	SEC-1	Apiculture	7	2	14	2019			
IV	ZOOLOGY	CC-8	Comparative Anatomy of Vertebrates	8	6	48	2020	8.67	8.54	Q
		CC-9	Animal Physiology: Life Sustaining Systems	9	6	54	2020			
		CC-10	Immunology	9	6	54	2020			
	CHEMISTRY	GE-4	Solution Phase Equilibria, Conductance, Electrochemistry, Analytical & Environmental Chemistry	8	6	48	2020			
	ZOOLOGY	SEC-2	Medical Diagnostics	9	2	18	2020			
V	ZOOLOGY	CC-11	Molecular Biology	7	6	42	2020	8.00	8.00	Q
		CC-12	Genetics	7	6	42	2020			
	ZOOLOGY	DSE-1	Animal Biotechnology	10	6	60	2020			
		DSE-2	Parasitology	8	6	48	2020			
VI	ZOOLOGY	CC-13	Developmental Biology	10	6	60	2021	9.75	9.75	Q
		CC-14	Evolutionary Biology	10	6	60	2021			
	ZOOLOGY	DSE-3	Animal Behaviour	10	6	60	2021			
		DSE-4	Endocrinology	9	6	54	2021			
CGPA (Cumulative Grade Point Average) on the basis of CCs & DSEs : 8.22							Letter Grade in CGPA : A+	Result : Q		
CGPA (Cumulative Grade Point Average) on the basis of All Courses : 8.06										

Date of Publication of Result: 26.08.2021

$$SGPA(S) = \frac{\sum_{i=1}^n (G_i \times V_i)}{\sum_{i=1}^n V_i} \quad CGPA = \frac{\sum_{i=1}^n (V_i \times S_i)}{\sum_{i=1}^n V_i}$$

Anindya Zoti Pal

Controller of the Examinations

Course Types	CGPA Letter Grades				Result Codes
CC – Core Course	CGPA	Letter Grade	CGPA	Letter Grade	Q - Qualified
GE – Generic Elective	9 and above	O (Outstanding)	5 to below 6	B (Average)	SNC – Semester Not Cleared
DSE – Discipline Specific Elective	8 to below 9	A+ (Excellent)	4 to below 5	P (Pass)	PNC – Programme Not Cleared [CGPA on the basis of CCs and DSEs < 5 or any one or more semester(s) are not cleared]
SEC – Skill Enhancement Course	7 to below 8	A (Very Good)	Below 4	F (Fail)	
AECC – Ability Enhancement Compulsory Course	6 to below 7	B+ (Good)			NC denotes “Not Computed” due to absence in C1, C2 and C4 as applicable.

Grade Point Norms	Percentage of Conversion Formula: = (SGPA or CGPA × 10) - 5.0		
	90% to 100%	10	80% and above but below 90%
70% and above but below 80%	8	60% and above but below 70%	7
50% and above but below 60%	6	40% and above but below 50%	5
35% and above but below 40%	4	Below 35%	Not Awarded (NA)



THE UNIVERSITY OF BURDWAN

B.SC. 3-YEAR DEGREE HONOURS FINAL EXAMINATION 2021 UNDER CBCS GRADE CARD

Name: RISHAV SHARMA

Registration No. 201801044218 of 2018-19

Roll No.180340500054

B.Sc. Honours in Botany (CBCS)										
Semester No.	Subject	Course Code	Course Title	Grade (G)	Credit Value (V)	Grade Point (G×V)	Credit Retained Year	SGPA on the basis of		Result Code
								CCs & DSEs	All Courses	
I	BOTANY	CC-1	Microbiology and Phycology	8	6	48	2018	8.00	7.64	Q
		CC-2	Archegoniatae	8	6	48	2018			
	ZOOLOGY	GE-1	Animal Diversity	8	6	48	2018			
	ENVIRONMENTAL STUDIES	AECC-1	Fundamentals of Environmental Studies	6	4	24	2018			
II	BOTANY	CC-3	Mycology and Phytopathology	7	6	42	2019	7.00	6.90	Q
		CC-4	Morphology and Anatomy of Angiosperms	7	6	42	2019			
	CHEMISTRY	GE-2	States of Matter & Chemical Kinetics, Chemical Bonding & Molecular Structure, P-Block Elements	7	6	42	2019			
	Communicative English/MIL	AECC-2	Communicative English	6	2	12	2019			
III	BOTANY	CC-5	Plant Ecology and Phytogeography	9	6	54	2019	8.67	8.15	Q
		CC-6	Plant Systematics	8	6	48	2019			
		CC-7	Economic Botany	9	6	54	2019			
	ZOOLOGY	GE-3	Physiology and Biochemistry	6	6	36	2019			
	BOTANY	SEC-1	Mushroom Culture Technology	10	2	20	2019			
IV	BOTANY	CC-8	Palaeobotany & Palynology	10	6	60	2020	9.67	9.46	Q
		CC-9	Biomolecules and Cell Biology	10	6	60	2020			
		CC-10	Molecular Biology	9	6	54	2020			
	CHEMISTRY	GE-4	Solution Phase Equilibria, Conductance, Electrochemistry, Analytical & Environmental Chemistry	9	6	54	2020			
	BOTANY	SEC-2	Herbal Technology	9	2	18	2020			
V	BOTANY	CC-11	Plant Physiology	9	6	54	2020	9.75	9.75	Q
		CC-12	Plant Metabolism	10	6	60	2020			
	BOTANY	DSE-1	Reproductive Biology of Angiosperms	10	6	60	2020			
		DSE-2	Biostatistics	10	6	60	2020			
VI	BOTANY	CC-13	Genetics & Plant Breeding	10	6	60	2021	9.50	9.50	Q
		CC-14	Plant Biotechnology	10	6	60	2021			
	BOTANY	DSE-3	Plant Evolution & Biodiversity	9	6	54	2021			
		DSE-4	Industrial and Environmental Microbiology	9	6	54	2021			
CGPA (Cumulative Grade Point Average) on the basis of CCs & DSEs : 9.00							Letter Grade in CGPA : O	Result : Q		
CGPA (Cumulative Grade Point Average) on the basis of All Courses : 8.63										


Date of Publication of Result: 26.08.2021

$$SGPA(S) = \frac{\sum_{i=1}^n (G_i \times V_i)}{\sum_{i=1}^n V_i} \quad CGPA = \frac{\sum_{i=1}^n (V_i \times S_i)}{\sum_{i=1}^n V_i}$$

Anindya Zoti Pal

Controller of the Examinations

Course Types	CGPA Letter Grades				Result Codes
CC – Core Course	CGPA	Letter Grade	CGPA	Letter Grade	Q - Qualified
GE – Generic Elective	9 and above	O (Outstanding)	5 to below 6	B (Average)	SNC – Semester Not Cleared
DSE – Discipline Specific Elective	8 to below 9	A+ (Excellent)	4 to below 5	P (Pass)	PNC – Programme Not Cleared [CGPA on the basis of CCs and DSEs < 5 or any one or more semester(s) are not cleared]
SEC – Skill Enhancement Course	7 to below 8	A (Very Good)	Below 4	F (Fail)	
AECC – Ability Enhancement Compulsory Course	6 to below 7	B+ (Good)			NC denotes “Not Computed” due to absence in C1, C2 and C4 as applicable.

	Grade Point Norms				Percentage of Conversion Formula: = (SGPA or CGPA × 10) - 5.0 *Letter Grade in CGPA is awarded on the basis of CCs and DSEs
	90% to 100%	10	80% and above but below 90%	9	
	70% and above but below 80%	8	60% and above but below 70%	7	
	50% and above but below 60%	6	40% and above but below 50%	5	
35% and above but below 40%	4	Below 35%	Not Awarded (NA)		



THE UNIVERSITY OF BURDWAN

B.SC. 3-YEAR DEGREE HONOURS FINAL EXAMINATION 2021 UNDER CBCS

GRADE CARD

Name: **RITTIKA ROY**Registration No. **201801044220** of 2018-19Roll No. **180340500055**

B.Sc. Honours in Zoology (CBCS)										
Semester No.	Subject	Course Code	Course Title	Grade (G)	Credit Value (V)	Grade Point (G×V)	Credit Retained Year	SGPA on the basis of		Result Code
								CCs & DSEs	All Courses	
I	ZOOLOGY	CC-1	Non-chordates I	9	6	54	2018	8.50	8.09	Q
		CC-2	Ecology	8	6	48	2018			
	PHYSIOLOGY	GE-1	Cellular Physiology, Biophysics, Biochemistry of Biomolecules	8	6	48	2018			
	ENVIRONMENTAL STUDIES	AECC-1	Fundamentals of Environmental Studies	7	4	28	2018			
II	ZOOLOGY	CC-3	Non-chordates II	8	6	48	2019	7.50	7.30	Q
		CC-4	Cell Biology	7	6	42	2019			
	CHEMISTRY	GE-2	States of Matter & Chemical Kinetics, Chemical Bonding & Molecular Structure, P-Block Elements	7	6	42	2019			
	Communicative English/MIL	AECC-2	Communicative English	7	2	14	2019			
III	ZOOLOGY	CC-5	Chordates	9	6	54	2019	8.67	8.77	Q
		CC-6	Animal Physiology: Controlling and Coordinating Systems	9	6	54	2019			
		CC-7	Fundamentals of Biochemistry	8	6	48	2019			
	PHYSIOLOGY	GE-3	Respiratory and Cardiovascular Physiology	9	6	54	2019			
	ZOOLOGY	SEC-1	Apiculture	9	2	18	2019			
IV	ZOOLOGY	CC-8	Comparative Anatomy of Vertebrates	9	6	54	2020	9.33	9.23	Q
		CC-9	Animal Physiology: Life Sustaining Systems	10	6	60	2020			
		CC-10	Immunology	9	6	54	2020			
	CHEMISTRY	GE-4	Solution Phase Equilibria, Conductance, Electrochemistry, Analytical & Environmental Chemistry	9	6	54	2020			
	ZOOLOGY	SEC-2	Medical Diagnostics	9	2	18	2020			
V	ZOOLOGY	CC-11	Molecular Biology	8	6	48	2020	9.00	9.00	Q
		CC-12	Genetics	9	6	54	2020			
	ZOOLOGY	DSE-1	Animal Biotechnology	10	6	60	2020			
		DSE-2	Parasitology	9	6	54	2020			
VI	ZOOLOGY	CC-13	Developmental Biology	10	6	60	2021	10.00	10.00	Q
		CC-14	Evolutionary Biology	10	6	60	2021			
	ZOOLOGY	DSE-3	Animal Behaviour	10	6	60	2021			
		DSE-4	Endocrinology	10	6	60	2021			
CGPA (Cumulative Grade Point Average) on the basis of CCs & DSEs : 9.00							Letter Grade in CGPA : O	Result : Q		
CGPA (Cumulative Grade Point Average) on the basis of All Courses : 8.79										


Date of Publication of Result: 26.08.2021

$$SGPA(S) = \frac{\sum_{i=1}^n (G_i \times V_i)}{\sum_{i=1}^n V_i} \quad CGPA = \frac{\sum_{i=1}^n (V_i \times S_i)}{\sum_{i=1}^n V_i}$$

Anindya Zoti Pal

Controller of the Examinations

Course Types	CGPA Letter Grades				Result Codes
CC – Core Course	CGPA	Letter Grade	CGPA	Letter Grade	Q - Qualified
GE – Generic Elective	9 and above	O (Outstanding)	5 to below 6	B (Average)	SNC – Semester Not Cleared
DSE – Discipline Specific Elective	8 to below 9	A+ (Excellent)	4 to below 5	P (Pass)	PNC – Programme Not Cleared [CGPA on the basis of CCs and DSEs < 5 or any one or more semester(s) are not cleared]
SEC – Skill Enhancement Course	7 to below 8	A (Very Good)	Below 4	F (Fail)	
AECC – Ability Enhancement Compulsory Course	6 to below 7	B+ (Good)			NC denotes “Not Computed” due to absence in C1, C2 and C4 as applicable.

	Grade Point Norms				Percentage of Conversion Formula: = (SGPA or CGPA × 10) - 5.0 *Letter Grade in CGPA is awarded on the basis of CCs and DSEs
	90% to 100%	10	80% and above but below 90%	9	
	70% and above but below 80%	8	60% and above but below 70%	7	
	50% and above but below 60%	6	40% and above but below 50%	5	
	35% and above but below 40%	4	Below 35%	Not Awarded (NA)	



THE UNIVERSITY OF BURDWAN

B.SC. 3-YEAR DEGREE HONOURS FINAL EXAMINATION 2021 UNDER CBCS

GRADE CARD

Name: **RIYA MONDAL**Registration No. **201801044221** of 2018-19Roll No. **180340500056**

B.Sc. Honours in Physiology (CBCS)										
Semester No.	Subject	Course Code	Course Title	Grade (G)	Credit Value (V)	Grade Point (G×V)	Credit Retained Year	SGPA on the basis of		Result Code
								CCs & DSEs	All Courses	
I	PHYSIOLOGY	CC-1	Cellular Basis of Physiology	5	6	30	2018	5.50	5.45	Q
		CC-2	Biological Physics and Enzymes	6	6	36	2018			
	CHEMISTRY	GE-1	Atomic Structure, Chemical Periodicity, Acids And Bases, Redox Reactions, General Organic Chemistry & Aliphatic Hydrocarbons	5	6	30	2018			
		AECC-1	Fundamentals of Environmental Studies	6	4	24	2018			
II	PHYSIOLOGY	CC-3	Physiology of Nerve and Muscle Cells	7	6	42	2019	8.00	7.30	Q
		CC-4	Chemistry of Biomolecules	9	6	54	2019			
	ZOOLOGY	GE-2	Comparative Anatomy & Developmental Biology of Vertebrates	6	6	36	2019			
	Communicative English/MIL	AECC-2	Communicative English	7	2	14	2019			
III	PHYSIOLOGY	CC-5	Circulating Body Fluids	7	6	42	2019	7.33	7.23	Q
		CC-6	Circulation	7	6	42	2019			
		CC-7	Functions of The Nervous System	8	6	48	2019			
	CHEMISTRY	GE-3	Chemical Energetic, Equilibria, Organic Chemistry	7	6	42	2019			
PHYSIOLOGY	SEC-1	Detection of Food Additives/Adulterants	7	2	14	2019				
IV	PHYSIOLOGY	CC-8	Energy Balance, Metabolism and Nutrition	9	6	54	2020	9.00	8.92	Q
		CC-9	Gastrointestinal Function	9	6	54	2020			
		CC-10	Respiration	9	6	54	2020			
	ZOOLOGY	GE-4	Genetics and Evolutionary Biology	9	6	54	2020			
	PHYSIOLOGY	SEC-2	Hematological Techniques	8	2	16	2020			
V	PHYSIOLOGY	CC-11	Special Senses	9	6	54	2020	8.75	8.75	Q
		CC-12	Endocrinology	9	6	54	2020			
	PHYSIOLOGY	DSE-1	Biological Statistics	9	6	54	2020			
		DSE-2	Sports and Exercise Physiology	8	6	48	2020			
VI	PHYSIOLOGY	CC-13	Reproduction	9	6	54	2021	9.00	9.00	Q
		CC-14	Formation and Excretion of Urine	9	6	54	2021			
	PHYSIOLOGY	DSE-3	Genetics and Molecular Biology	9	6	54	2021			
		DSE-4	Toxicology	9	6	54	2021			
CGPA (Cumulative Grade Point Average) on the basis of CCs & DSEs : 8.17							Letter Grade in CGPA : A+	Result : Q		
CGPA (Cumulative Grade Point Average) on the basis of All Courses : 7.83										


Date of Publication of Result: 26.08.2021

$$SGPA(S) = \frac{\sum_{i=1}^n (G_i \times V_i)}{\sum_{i=1}^n V_i} \quad CGPA = \frac{\sum_{i=1}^n (V_i \times S_i)}{\sum_{i=1}^n V_i}$$

Anindya Zoti Pal

Controller of the Examinations

Course Types	CGPA Letter Grades				Result Codes
CC – Core Course	CGPA	Letter Grade	CGPA	Letter Grade	Q - Qualified
GE – Generic Elective	9 and above	O (Outstanding)	5 to below 6	B (Average)	SNC – Semester Not Cleared
DSE – Discipline Specific Elective	8 to below 9	A+ (Excellent)	4 to below 5	P (Pass)	PNC – Programme Not Cleared [CGPA on the basis of CCs and DSEs < 5 or any one or more semester(s) are not cleared]
SEC – Skill Enhancement Course	7 to below 8	A (Very Good)	Below 4	F (Fail)	
AECC – Ability Enhancement Compulsory Course	6 to below 7	B+ (Good)			NC denotes “Not Computed” due to absence in C1, C2 and C4 as applicable.

	Grade Point Norms				Percentage of Conversion Formula: = (SGPA or CGPA × 10) - 5.0 *Letter Grade in CGPA is awarded on the basis of CCs and DSEs
	90% to 100%	10	80% and above but below 90%	9	
	70% and above but below 80%	8	60% and above but below 70%	7	
	50% and above but below 60%	6	40% and above but below 50%	5	
35% and above but below 40%	4	Below 35%	Not Awarded (NA)		



THE UNIVERSITY OF BURDWAN

B.SC. 3-YEAR DEGREE HONOURS FINAL EXAMINATION 2021 UNDER CBCS

GRADE CARD

Name: **ROHIT BAG**Registration No. **201801044222** of 2018-19Roll No. **180340500057**

B.Sc. Honours in Mathematics (CBCS)										
Semester No.	Subject	Course Code	Course Title	Grade (G)	Credit Value (V)	Grade Point (G×V)	Credit Retained Year	SGPA on the basis of		Result Code
								CCs & DSEs	All Courses	
I	MATHEMATICS	CC-1	Calculus, Geometry & Differential Equations	6	6	36	2018	6.50	7.00	Q
		CC-2	Algebra	7	6	42	2018			
	PHYSICS	GE-1	Mechanics	8	6	48	2018			
	ENVIRONMENTAL STUDIES	AECC-1	Fundamentals of Environmental Studies	7	4	28	2018			
II	MATHEMATICS	CC-3	Real Analysis	9	6	54	2019	9.00	8.70	Q
		CC-4	Differential Equations and Vector Calculus	9	6	54	2019			
	CHEMISTRY	GE-2	States of Matter & Chemical Kinetics, Chemical Bonding & Molecular Structure, P-Block Elements	8	6	48	2019			
	Communicative English/MIL	AECC-2	Bengali	9	2	18	2019			
III	MATHEMATICS	CC-5	Theory of Real Functions & Introduction to Metric Spaces	7	6	42	2019	6.67	6.85	Q
		CC-6	Group Theory I	6	6	36	2019			
		CC-7	Numerical Methods	7	6	42	2019			
	PHYSICS	GE-3	Thermal Physics and Statistical Mechanics	7	6	42	2019			
MATHEMATICS	SEC-1	Logic and Sets	8	2	16	2019				
IV	MATHEMATICS	CC-8	Riemann Integration and Series of Functions	8	6	48	2020	8.33	8.46	Q
		CC-9	Multivariate Calculus	8	6	48	2020			
		CC-10	Ring Theory and Linear Algebra I	9	6	54	2020			
	CHEMISTRY	GE-4	Solution Phase Equilibria, Conductance, Electrochemistry, Analytical & Environmental Chemistry	9	6	54	2020			
MATHEMATICS	SEC-2	Graph Theory	8	2	16	2020				
V	MATHEMATICS	CC-11	Partial Differential Equations and Applications	10	6	60	2020	9.75	9.75	Q
		CC-12	Mechanics I	10	6	60	2020			
	MATHEMATICS	DSE-1	Linear Programming	10	6	60	2020			
		DSE-2	Probability & Statistics	9	6	54	2020			
VI	MATHEMATICS	CC-13	Metric Spaces and Complex Analysis	10	6	60	2021	9.75	9.75	Q
		CC-14	Ring Theory and Linear Algebra II	10	6	60	2021			
	MATHEMATICS	DSE-3	Project Work	9	6	54	2021			
		DSE-4	Mechanics II	10	6	60	2021			
CGPA (Cumulative Grade Point Average) on the basis of CCs & DSEs : 8.56							Letter Grade in CGPA : A+	Result : Q		
CGPA (Cumulative Grade Point Average) on the basis of All Courses : 8.41										

Date of Publication of Result: 26.08.2021

$$SGPA(S) = \frac{\sum_{i=1}^n (G_i \times V_i)}{\sum_{i=1}^n V_i} \quad CGPA = \frac{\sum_{i=1}^n (V_i \times S_i)}{\sum_{i=1}^n V_i}$$

Anindya Zohi Pal

Controller of the Examinations

Course Types	CGPA Letter Grades				Result Codes
CC – Core Course	CGPA	Letter Grade	CGPA	Letter Grade	Q - Qualified
GE – Generic Elective	9 and above	O (Outstanding)	5 to below 6	B (Average)	SNC – Semester Not Cleared
DSE – Discipline Specific Elective	8 to below 9	A+ (Excellent)	4 to below 5	P (Pass)	PNC – Programme Not Cleared [CGPA on the basis of CCs and DSEs < 5 or any one or more semester(s) are not cleared]
SEC – Skill Enhancement Course	7 to below 8	A (Very Good)	Below 4	F (Fail)	
AECC – Ability Enhancement Compulsory Course	6 to below 7	B+ (Good)			NC denotes “Not Computed” due to absence in C1, C2 and C4 as applicable.

Grade Point Norms	Percentage of Conversion Formula:		
	90% to 100%	10	80% and above but below 90%
70% and above but below 80%	8	60% and above but below 70%	7
50% and above but below 60%	6	40% and above but below 50%	5
35% and above but below 40%	4	Below 35%	Not Awarded (NA)

*Letter Grade in CGPA is awarded on the basis of CCs and DSEs



THE UNIVERSITY OF BURDWAN

B.SC. 3-YEAR DEGREE HONOURS FINAL EXAMINATION 2021 UNDER CBCS

GRADE CARD

Name: RUDRA PRASAD MONDAL

Registration No. 201801044223 of 2018-19

Roll No.180340500058

B.Sc. Honours in Zoology (CBCS)										
Semester No.	Subject	Course Code	Course Title	Grade (G)	Credit Value (V)	Grade Point (G×V)	Credit Retained Year	SGPA on the basis of		Result Code
								CCs & DSEs	All Courses	
I	ZOOLOGY	CC-1	Non-chordates I	8	6	48	2018	7.50	7.00	Q
		CC-2	Ecology	7	6	42	2018			
	BOTANY	GE-1	Biodiversity (Microbes, Algae, Fungi and Archeogoniatae)	6	6	36	2018			
	ENVIRONMENTAL STUDIES	AECC-1	Fundamentals of Environmental Studies	7	4	28	2018			
II	ZOOLOGY	CC-3	Non-chordates II	7	6	42	2019	6.50	6.30	Q
		CC-4	Cell Biology	6	6	36	2019			
	CHEMISTRY	GE-2	States of Matter & Chemical Kinetics, Chemical Bonding & Molecular Structure, P-Block Elements	5	6	30	2019			
	Communicative English/MIL	AECC-2	Bengali	9	2	18	2019			
III	ZOOLOGY	CC-5	Chordates	8	6	48	2019	7.33	7.15	Q
		CC-6	Animal Physiology: Controlling and Coordinating Systems	8	6	48	2019			
	CC-7	Fundamentals of Biochemistry	6	6	36	2019				
	BOTANY	GE-3	Plant Anatomy and Embryology	7	6	42	2019			
	ZOOLOGY	SEC-1	Apiculture	6	2	12	2019			
IV	ZOOLOGY	CC-8	Comparative Anatomy of Vertebrates	9	6	54	2020	8.67	8.69	Q
		CC-9	Animal Physiology: Life Sustaining Systems	8	6	48	2020			
		CC-10	Immunology	9	6	54	2020			
	CHEMISTRY	GE-4	Solution Phase Equilibria, Conductance, Electrochemistry, Analytical & Environmental Chemistry	9	6	54	2020			
	ZOOLOGY	SEC-2	Medical Diagnostics	8	2	16	2020			
V	ZOOLOGY	CC-11	Molecular Biology	8	6	48	2020	8.00	8.00	Q
		CC-12	Genetics	7	6	42	2020			
	ZOOLOGY	DSE-1	Animal Biotechnology	9	6	54	2020			
		DSE-2	Parasitology	8	6	48	2020			
VI	ZOOLOGY	CC-13	Developmental Biology	9	6	54	2021	9.00	9.00	Q
		CC-14	Evolutionary Biology	9	6	54	2021			
	ZOOLOGY	DSE-3	Animal Behaviour	9	6	54	2021			
		DSE-4	Endocrinology	9	6	54	2021			
CGPA (Cumulative Grade Point Average) on the basis of CCs & DSEs : 8.00							Letter Grade in CGPA : A+	Result : Q		
CGPA (Cumulative Grade Point Average) on the basis of All Courses : 7.75										

Date of Publication of Result: 26.08.2021

$$SGPA(S) = \frac{\sum_{i=1}^n (G_i \times V_i)}{\sum_{i=1}^n V_i} \quad CGPA = \frac{\sum_{i=1}^n (V_i \times S_i)}{\sum_{i=1}^n V_i}$$

Anindya Zoti Pal

Controller of the Examinations

Course Types	CGPA Letter Grades				Result Codes
CC – Core Course	CGPA	Letter Grade	CGPA	Letter Grade	Q - Qualified
GE – Generic Elective	9 and above	O (Outstanding)	5 to below 6	B (Average)	SNC – Semester Not Cleared
DSE – Discipline Specific Elective	8 to below 9	A+ (Excellent)	4 to below 5	P (Pass)	PNC – Programme Not Cleared [CGPA on the basis of CCs and DSEs < 5 or any one or more semester(s) are not cleared]
SEC – Skill Enhancement Course	7 to below 8	A (Very Good)	Below 4	F (Fail)	
AECC – Ability Enhancement Compulsory Course	6 to below 7	B+ (Good)			NC denotes “Not Computed” due to absence in C1, C2 and C4 as applicable.

Grade Point Norms	Percentage of Conversion Formula:	
	90% to 100%	10
80% and above but below 90%	9	
70% and above but below 80%	8	
60% and above but below 70%	7	
50% and above but below 60%	6	
40% and above but below 50%	5	
35% and above but below 40%	4	
Below 35%		Not Awarded (NA)



THE UNIVERSITY OF BURDWAN

B.SC. 3-YEAR DEGREE HONOURS FINAL EXAMINATION 2021 UNDER CBCS

GRADE CARD

Name: **RUPESH ADHIKARY**Registration No. **201801044226** of **2018-19**Roll No. **180340500061**

B.Sc. Honours in Physics (CBCS)										
Semester No.	Subject	Course Code	Course Title	Grade (G)	Credit Value (V)	Grade Point (G×V)	Credit Retained Year	SGPA on the basis of		Result Code
								CCs & DSEs	All Courses	
I	PHYSICS	CC-1	Mathematical Physics-I	7	6	42	2018	6.00	6.64	Q
		CC-2	Mechanics	5	6	30	2018			
	CHEMISTRY	GE-1	Atomic Structure, Chemical Periodicity, Acids And Bases, Redox Reactions, General Organic Chemistry & Aliphatic Hydrocarbons	7	6	42	2018			
		AECC-1	Fundamentals of Environmental Studies	8	4	32	2018			
II	PHYSICS	CC-3	Electricity and Magnetism	5	6	30	2019	5.50	6.00	Q
		CC-4	Waves and Optics	6	6	36	2019			
	MATHEMATICS	GE-2	Differential Equations	6	6	36	2019			
	Communicative English/MIL	AECC-2	Bengali	9	2	18	2019			
III	PHYSICS	CC-5	Mathematical Physics-II	5	6	30	2019	5.67	5.92	Q
		CC-6	Thermal Physics	6	6	36	2019			
		CC-7	Digital Systems and Applications	6	6	36	2019			
	CHEMISTRY	GE-3	Chemical Energetic, Equilibria, Organic Chemistry	7	6	42	2019			
	PHYSICS	SEC-1	Renewable Energy and Energy Harvesting	5	2	10	2019			
IV	PHYSICS	CC-8	Mathematical Physics-III	7	6	42	2020	7.00	7.23	Q
		CC-9	Elements of Modern Physics	7	6	42	2020			
		CC-10	Analog Systems & Applications	7	6	42	2020			
	MATHEMATICS	GE-4	Algebra	8	6	48	2020			
	PHYSICS	SEC-2	Electrical Circuits and Network Skills	7	2	14	2020			
V	PHYSICS	CC-11	Quantum Mechanics and Applications	9	6	54	2020	9.00	9.00	Q
		CC-12	Solid State Physics	9	6	54	2020			
	PHYSICS	DSE-1	Advanced Mathematical Physics	9	6	54	2020			
		DSE-2	Classical Dynamics	9	6	54	2020			
VI	PHYSICS	CC-13	Electromagnetic Theory	9	6	54	2021	8.50	8.50	Q
		CC-14	Statistical Mechanics	9	6	54	2021			
	PHYSICS	DSE-3	Nuclear and Particle Physics	9	6	54	2021			
		DSE-4	Astronomy and Astrophysics	7	6	42	2021			
CGPA (Cumulative Grade Point Average) on the basis of CCs & DSEs : 7.28							Letter Grade in CGPA : A	Result : Q		
CGPA (Cumulative Grade Point Average) on the basis of All Courses : 7.24										


Date of Publication of Result: 26.08.2021

$$SGPA(S) = \frac{\sum_{i=1}^n (G_i \times V_i)}{\sum_{i=1}^n V_i} \quad CGPA = \frac{\sum_{i=1}^n (V_i \times S_i)}{\sum_{i=1}^n V_i}$$

Anindya Zoti Pal

Controller of the Examinations

Course Types	CGPA Letter Grades				Result Codes
CC – Core Course	CGPA	Letter Grade	CGPA	Letter Grade	Q - Qualified
GE – Generic Elective	9 and above	O (Outstanding)	5 to below 6	B (Average)	SNC – Semester Not Cleared
DSE – Discipline Specific Elective	8 to below 9	A+ (Excellent)	4 to below 5	P (Pass)	PNC – Programme Not Cleared [CGPA on the basis of CCs and DSEs < 5 or any one or more semester(s) are not cleared]
SEC – Skill Enhancement Course	7 to below 8	A (Very Good)	Below 4	F (Fail)	
AECC – Ability Enhancement Compulsory Course	6 to below 7	B+ (Good)			NC denotes “Not Computed” due to absence in C1, C2 and C4 as applicable.

	Grade Point Norms				Percentage of Conversion Formula: = (SGPA or CGPA × 10) - 5.0 *Letter Grade in CGPA is awarded on the basis of CCs and DSEs
	90% to 100%	10	80% and above but below 90%	9	
	70% and above but below 80%	8	60% and above but below 70%	7	
	50% and above but below 60%	6	40% and above but below 50%	5	
	35% and above but below 40%	4	Below 35%	Not Awarded (NA)	



THE UNIVERSITY OF BURDWAN

B.SC. 3-YEAR DEGREE HONOURS FINAL EXAMINATION 2021 UNDER CBCS

GRADE CARD

Name: SABA AFREEN

Registration No. 201801044227 of 2018-19

Roll No.180340500062

B.Sc. Honours in Physiology (CBCS)										
Semester No.	Subject	Course Code	Course Title	Grade (G)	Credit Value (V)	Grade Point (G×V)	Credit Retained Year	SGPA on the basis of		Result Code
								CCs & DSEs	All Courses	
I	PHYSIOLOGY	CC-1	Cellular Basis of Physiology	7	6	42	2018	7.50	7.00	Q
		CC-2	Biological Physics and Enzymes	8	6	48	2018			
	CHEMISTRY	GE-1	Atomic Structure, Chemical Periodicity, Acids And Bases, Redox Reactions, General Organic Chemistry & Aliphatic Hydrocarbons	6	6	36	2018			
		AECC-1	Fundamentals of Environmental Studies	7	4	28	2018			
II	PHYSIOLOGY	CC-3	Physiology of Nerve and Muscle Cells	8	6	48	2019	8.50	7.30	Q
		CC-4	Chemistry of Biomolecules	9	6	54	2019			
	ZOOLOGY	GE-2	Comparative Anatomy & Developmental Biology of Vertebrates	5	6	30	2019			
	Communicative English/MIL	AECC-2	Communicative English	7	2	14	2019			
III	PHYSIOLOGY	CC-5	Circulating Body Fluids	8	6	48	2019	8.00	7.69	Q
		CC-6	Circulation	8	6	48	2019			
		CC-7	Functions of The Nervous System	8	6	48	2019			
	CHEMISTRY	GE-3	Chemical Energetic, Equilibria, Organic Chemistry	7	6	42	2019			
PHYSIOLOGY	SEC-1	Detection of Food Additives/Adulterants	7	2	14	2019				
IV	PHYSIOLOGY	CC-8	Energy Balance, Metabolism and Nutrition	9	6	54	2020	9.00	8.92	Q
		CC-9	Gastrointestinal Function	9	6	54	2020			
		CC-10	Respiration	9	6	54	2020			
	ZOOLOGY	GE-4	Genetics and Evolutionary Biology	9	6	54	2020			
	PHYSIOLOGY	SEC-2	Hematological Techniques	8	2	16	2020			
V	PHYSIOLOGY	CC-11	Special Senses	9	6	54	2020	8.75	8.75	Q
		CC-12	Endocrinology	8	6	48	2020			
	PHYSIOLOGY	DSE-1	Biological Statistics	9	6	54	2020			
		DSE-2	Sports and Exercise Physiology	9	6	54	2020			
VI	PHYSIOLOGY	CC-13	Reproduction	8	6	48	2021	8.25	8.25	Q
		CC-14	Formation and Excretion of Urine	8	6	48	2021			
	PHYSIOLOGY	DSE-3	Genetics and Molecular Biology	8	6	48	2021			
		DSE-4	Toxicology	9	6	54	2021			
CGPA (Cumulative Grade Point Average) on the basis of CCs & DSEs : 8.39							Letter Grade in CGPA : A+	Result : Q		
CGPA (Cumulative Grade Point Average) on the basis of All Courses : 8.03										


Date of Publication of Result: 26.08.2021

$$SGPA(S) = \frac{\sum_{i=1}^n (G_i \times V_i)}{\sum_{i=1}^n V_i} \quad CGPA = \frac{\sum_{i=1}^n (V_i \times S_i)}{\sum_{i=1}^n V_i}$$

Anindya Zoti Pal

Controller of the Examinations

Course Types	CGPA Letter Grades				Result Codes
CC – Core Course	CGPA	Letter Grade	CGPA	Letter Grade	Q - Qualified
GE – Generic Elective	9 and above	O (Outstanding)	5 to below 6	B (Average)	SNC – Semester Not Cleared
DSE – Discipline Specific Elective	8 to below 9	A+ (Excellent)	4 to below 5	P (Pass)	PNC – Programme Not Cleared [CGPA on the basis of CCs and DSEs.<5 or any one or more semester(s) are not cleared]
SEC – Skill Enhancement Course	7 to below 8	A (Very Good)	Below 4	F (Fail)	
AECC – Ability Enhancement Compulsory Course	6 to below 7	B+ (Good)			NC denotes “Not Computed” due to absence in C1, C2 and C4 as applicable.

	Grade Point Norms				Percentage of Conversion Formula: = (SGPA or CGPA × 10) - 5.0 *Letter Grade in CGPA is awarded on the basis of CCs and DSEs
	90% to 100%	10	80% and above but below 90%	9	
	70% and above but below 80%	8	60% and above but below 70%	7	
	50% and above but below 60%	6	40% and above but below 50%	5	
35% and above but below 40%	4	Below 35%	Not Awarded (NA)		



THE UNIVERSITY OF BURDWAN

B.SC. 3-YEAR DEGREE HONOURS FINAL EXAMINATION 2021 UNDER CBCS

GRADE CARD

Name: SAHIN RAJA

Registration No. 201801044230 of 2018-19

Roll No.180340500065

B.Sc. Honours in Physiology (CBCS)										
Semester No.	Subject	Course Code	Course Title	Grade (G)	Credit Value (V)	Grade Point (G×V)	Credit Retained Year	SGPA on the basis of		Result Code
								CCs & DSEs	All Courses	
I	PHYSIOLOGY	CC-1	Cellular Basis of Physiology	8	6	48	2018	8.50	8.00	Q
		CC-2	Biological Physics and Enzymes	9	6	54	2018			
	CHEMISTRY	GE-1	Atomic Structure, Chemical Periodicity, Acids And Bases, Redox Reactions, General Organic Chemistry & Aliphatic Hydrocarbons	7	6	42	2018			
		AECC-1	Fundamentals of Environmental Studies	8	4	32	2018			
II	PHYSIOLOGY	CC-3	Physiology of Nerve and Muscle Cells	9	6	54	2019	9.00	9.00	Q
		CC-4	Chemistry of Biomolecules	9	6	54	2019			
	ZOOLOGY	GE-2	Comparative Anatomy & Developmental Biology of Vertebrates	9	6	54	2019			
	Communicative English/MIL	AECC-2	Communicative English	9	2	18	2019			
III	PHYSIOLOGY	CC-5	Circulating Body Fluids	9	6	54	2019	8.67	8.46	Q
		CC-6	Circulation	8	6	48	2019			
		CC-7	Functions of The Nervous System	9	6	54	2019			
	CHEMISTRY	GE-3	Chemical Energetic, Equilibria, Organic Chemistry	8	6	48	2019			
PHYSIOLOGY	SEC-1	Detection of Food Additives/Adulterants	8	2	16	2019				
IV	PHYSIOLOGY	CC-8	Energy Balance, Metabolism and Nutrition	9	6	54	2020	9.00	9.00	Q
		CC-9	Gastrointestinal Function	9	6	54	2020			
		CC-10	Respiration	9	6	54	2020			
	ZOOLOGY	GE-4	Genetics and Evolutionary Biology	9	6	54	2020			
	PHYSIOLOGY	SEC-2	Hematological Techniques	9	2	18	2020			
V	PHYSIOLOGY	CC-11	Special Senses	9	6	54	2020	9.00	9.00	Q
		CC-12	Endocrinology	9	6	54	2020			
	PHYSIOLOGY	DSE-1	Biological Statistics	9	6	54	2020			
		DSE-2	Sports and Exercise Physiology	9	6	54	2020			
VI	PHYSIOLOGY	CC-13	Reproduction	8	6	48	2021	8.75	8.75	Q
		CC-14	Formation and Excretion of Urine	9	6	54	2021			
	PHYSIOLOGY	DSE-3	Genetics and Molecular Biology	9	6	54	2021			
		DSE-4	Toxicology	9	6	54	2021			
CGPA (Cumulative Grade Point Average) on the basis of CCs & DSEs : 8.83							Letter Grade in CGPA : A+	Result : Q		
CGPA (Cumulative Grade Point Average) on the basis of All Courses : 8.70										

Date of Publication of Result: 26.08.2021

$$SGPA(S) = \frac{\sum_{i=1}^n (G_i \times V_i)}{\sum_{i=1}^n V_i} \quad CGPA = \frac{\sum_{i=1}^n (V_i \times S_i)}{\sum_{i=1}^n V_i}$$

Anindya Zoti Pal

Controller of the Examinations

Course Types	CGPA Letter Grades				Result Codes
CC – Core Course	CGPA	Letter Grade	CGPA	Letter Grade	Q - Qualified
GE – Generic Elective	9 and above	O (Outstanding)	5 to below 6	B (Average)	SNC – Semester Not Cleared
DSE – Discipline Specific Elective	8 to below 9	A+ (Excellent)	4 to below 5	P (Pass)	PNC – Programme Not Cleared [CGPA on the basis of CCs and DSEs.<5 or any one or more semester(s) are not cleared]
SEC – Skill Enhancement Course	7 to below 8	A (Very Good)	Below 4	F (Fail)	
AECC – Ability Enhancement Compulsory Course	6 to below 7	B+ (Good)			NC denotes “Not Computed” due to absence in C1, C2 and C4 as applicable.

Grade Point Norms	Grade Point Norms		Percentage of Conversion Formula: = (SGPA or CGPA × 10) - 5.0
	Grade	Grade	
90% to 100%	10	80% and above but below 90%	9
70% and above but below 80%	8	60% and above but below 70%	7
50% and above but below 60%	6	40% and above but below 50%	5
35% and above but below 40%	4	Below 35%	Not Awarded (NA)



THE UNIVERSITY OF BURDWAN

B.SC. 3-YEAR DEGREE HONOURS FINAL EXAMINATION 2021 UNDER CBCS

GRADE CARD

Name: SANJU HALDER

Registration No. 201801044232 of 2018-19

Roll No.180340500067

B.Sc. Honours in Geology (CBCS)										
Semester No.	Subject	Course Code	Course Title	Grade (G)	Credit Value (V)	Grade Point (G×V)	Credit Retained Year	SGPA on the basis of		Result Code
								CCs & DSEs	All Courses	
I	GEOLOGY	CC-1	Earth System Science	8	6	48	2018	8.00	7.82	Q
		CC-2	Mineral Science	8	6	48	2018			
	MATHEMATICS	GE-1	Differential Calculus	8	6	48	2018			
	ENVIRONMENTAL STUDIES	AECC-1	Fundamentals of Environmental Studies	7	4	28	2018			
II	GEOLOGY	CC-3	Elements of Geochemistry	8	6	48	2019	7.50	6.90	Q
		CC-4	Structural Geology	7	6	42	2019			
	PHYSICS	GE-2	Electricity and Magnetism	6	6	36	2019			
	Communicative English/MIL	AECC-2	Communicative English	6	2	12	2019			
III	GEOLOGY	CC-5	Igneous Petrology	8	6	48	2019	7.67	7.62	Q
		CC-6	Sedimentology	7	6	42	2019			
		CC-7	Paleontology	8	6	48	2019			
	MATHEMATICS	GE-3	Real Analysis	7	6	42	2019			
	GEOLOGY	SEC-1	Basic Field Training	9	2	18	2019			
IV	GEOLOGY	CC-8	Metamorphic Petrology	9	6	54	2020	9.00	8.77	Q
		CC-9	Principles of Stratigraphy and Precambrian Stratigraphy of India	9	6	54	2020			
		CC-10	Phanerozoic Stratigraphy of India	9	6	54	2020			
	PHYSICS	GE-4	Waves and Optics	8	6	48	2020			
	GEOLOGY	SEC-2	Geological Mapping and Structural Geology Field	9	2	18	2020			
V	GEOLOGY	CC-11	Hydrogeology	10	6	60	2020	9.50	9.50	Q
		CC-12	Economic Geology	9	6	54	2020			
	GEOLOGY	DSE-1	Geodynamics	9	6	54	2020			
		DSE-2	Introduction to Geophysics	10	6	60	2020			
VI	GEOLOGY	CC-13	Geomorphology, Remote Sensing & GIS	9	6	54	2021	9.50	9.50	Q
		CC-14	Engineering Geology	10	6	60	2021			
	GEOLOGY	DSE-3	Fuel Geology	9	6	54	2021			
		DSE-4	Evolution of Life Through Time	10	6	60	2021			
CGPA (Cumulative Grade Point Average) on the basis of CCs & DSEs : 8.72							Letter Grade in CGPA : A+	Result : Q		
CGPA (Cumulative Grade Point Average) on the basis of All Courses : 8.39										


Date of Publication of Result: 26.08.2021

$$SGPA(S) = \frac{\sum_{i=1}^n (G_i \times V_i)}{\sum_{i=1}^n V_i} \quad CGPA = \frac{\sum_{i=1}^n (V_i \times S_i)}{\sum_{i=1}^n V_i}$$

Anindya Zoti Pal

Controller of the Examinations

Course Types	CGPA Letter Grades				Result Codes
CC – Core Course	CGPA	Letter Grade	CGPA	Letter Grade	Q - Qualified
GE – Generic Elective	9 and above	O (Outstanding)	5 to below 6	B (Average)	SNC – Semester Not Cleared
DSE – Discipline Specific Elective	8 to below 9	A+ (Excellent)	4 to below 5	P (Pass)	PNC – Programme Not Cleared [CGPA on the basis of CCs and DSEs < 5 or any one or more semester(s) are not cleared]
SEC – Skill Enhancement Course	7 to below 8	A (Very Good)	Below 4	F (Fail)	
AECC – Ability Enhancement Compulsory Course	6 to below 7	B+ (Good)			NC denotes “Not Computed” due to absence in C1, C2 and C4 as applicable.

	Grade Point Norms				Percentage of Conversion Formula: = (SGPA or CGPA × 10) - 5.0 *Letter Grade in CGPA is awarded on the basis of CCs and DSEs
	90% to 100%	10	80% and above but below 90%	9	
	70% and above but below 80%	8	60% and above but below 70%	7	
	50% and above but below 60%	6	40% and above but below 50%	5	
35% and above but below 40%	4	Below 35%	Not Awarded (NA)		



THE UNIVERSITY OF BURDWAN

B.SC. 3-YEAR DEGREE HONOURS FINAL EXAMINATION 2021 UNDER CBCS

GRADE CARD

Name: SANKITA MANNA

Registration No. 201801044233 of 2018-19

Roll No.180340500068

B.Sc. Honours in Mathematics (CBCS)										
Semester No.	Subject	Course Code	Course Title	Grade (G)	Credit Value (V)	Grade Point (G×V)	Credit Retained Year	SGPA on the basis of		Result Code
								CCs & DSEs	All Courses	
I	MATHEMATICS	CC-1	Calculus, Geometry & Differential Equations	7	6	42	2018	7.00	7.18	Q
		CC-2	Algebra	7	6	42	2018			
	PHYSICS	GE-1	Mechanics	7	6	42	2018			
	ENVIRONMENTAL STUDIES	AECC-1	Fundamentals of Environmental Studies	8	4	32	2018			
II	MATHEMATICS	CC-3	Real Analysis	7	6	42	2019	7.50	7.20	Q
		CC-4	Differential Equations and Vector Calculus	8	6	48	2019			
	CHEMISTRY	GE-2	States of Matter & Chemical Kinetics, Chemical Bonding & Molecular Structure, P-Block Elements	6	6	36	2019			
	Communicative English/MIL	AECC-2	Bengali	9	2	18	2019			
III	MATHEMATICS	CC-5	Theory of Real Functions & Introduction to Metric Spaces	4	6	24	2019	5.33	5.69	Q
		CC-6	Group Theory I	5	6	30	2019			
		CC-7	Numerical Methods	7	6	42	2019			
	PHYSICS	GE-3	Thermal Physics and Statistical Mechanics	6	6	36	2019			
MATHEMATICS	SEC-1	Logic and Sets	8	2	16	2019				
IV	MATHEMATICS	CC-8	Riemann Integration and Series of Functions	7	6	42	2020	7.33	7.46	Q
		CC-9	Multivariate Calculus	7	6	42	2020			
		CC-10	Ring Theory and Linear Algebra I	8	6	48	2020			
	CHEMISTRY	GE-4	Solution Phase Equilibria, Conductance, Electrochemistry, Analytical & Environmental Chemistry	8	6	48	2020			
MATHEMATICS	SEC-2	Graph Theory	7	2	14	2020				
V	MATHEMATICS	CC-11	Partial Differential Equations and Applications	10	6	60	2020	9.75	9.75	Q
		CC-12	Mechanics I	9	6	54	2020			
	MATHEMATICS	DSE-1	Linear Programming	10	6	60	2020			
		DSE-2	Probability & Statistics	10	6	60	2020			
VI	MATHEMATICS	CC-13	Metric Spaces and Complex Analysis	9	6	54	2021	9.25	9.25	Q
		CC-14	Ring Theory and Linear Algebra II	10	6	60	2021			
	MATHEMATICS	DSE-3	Project Work	9	6	54	2021			
		DSE-4	Mechanics II	9	6	54	2021			
CGPA (Cumulative Grade Point Average) on the basis of CCs & DSEs : 7.94							Letter Grade in CGPA : A	Result : Q		
CGPA (Cumulative Grade Point Average) on the basis of All Courses : 7.75										


Date of Publication of Result: 26.08.2021

$$SGPA(S) = \frac{\sum_{i=1}^n (G_i \times V_i)}{\sum_{i=1}^n V_i} \quad CGPA = \frac{\sum_{i=1}^n (V_i \times S_i)}{\sum_{i=1}^n V_i}$$

Anindya Zoti Pal

Controller of the Examinations

Course Types	CGPA Letter Grades				Result Codes
CC – Core Course	CGPA	Letter Grade	CGPA	Letter Grade	Q - Qualified
GE – Generic Elective	9 and above	O (Outstanding)	5 to below 6	B (Average)	SNC – Semester Not Cleared
DSE – Discipline Specific Elective	8 to below 9	A+ (Excellent)	4 to below 5	P (Pass)	PNC – Programme Not Cleared [CGPA on the basis of CCs and DSEs < 5 or any one or more semester(s) are not cleared]
SEC – Skill Enhancement Course	7 to below 8	A (Very Good)	Below 4	F (Fail)	
AECC – Ability Enhancement Compulsory Course	6 to below 7	B+ (Good)			NC denotes “Not Computed” due to absence in C1, C2 and C4 as applicable.

	Grade Point Norms				Percentage of Conversion Formula: = (SGPA or CGPA × 10) - 5.0 *Letter Grade in CGPA is awarded on the basis of CCs and DSEs
	90% to 100%	10	80% and above but below 90%	9	
	70% and above but below 80%	8	60% and above but below 70%	7	
	50% and above but below 60%	6	40% and above but below 50%	5	
	35% and above but below 40%	4	Below 35%	Not Awarded (NA)	



THE UNIVERSITY OF BURDWAN

B.SC. 3-YEAR DEGREE HONOURS FINAL EXAMINATION 2021 UNDER CBCS GRADE CARD

Name: SARIT GHOSH

Registration No. 201801044235 of 2018-19

Roll No.180340500070

B.Sc. Honours in Economics (CBCS)										
Semester No.	Subject	Course Code	Course Title	Grade (G)	Credit Value (V)	Grade Point (G×V)	Credit Retained Year	SGPA on the basis of		Result Code
								CCs & DSEs	All Courses	
I	ECONOMICS	CC-1	Introductory Microeconomics	7	6	42	2018	8.50	7.82	Q
		CC-2	Statistics-I	10	6	60	2018			
	MATHEMATICS	GE-1	Differential Calculus	7	6	42	2018			
	ENVIRONMENTAL STUDIES	AECC-1	Fundamentals of Environmental Studies	7	4	28	2018			
II	ECONOMICS	CC-3	Introductory Macroeconomics	9	6	54	2019	8.50	8.30	Q
		CC-4	Mathematical Economics-I	8	6	48	2019			
	BOTANY	GE-2	Plant Ecology and Taxonomy	8	6	48	2019			
	Communicative English/MIL	AECC-2	Communicative English	8	2	16	2019			
III	ECONOMICS	CC-5	Intermediate Microeconomics	8	6	48	2019	9.00	8.54	Q
		CC-6	Intermediate Macroeconomics	9	6	54	2019			
		CC-7	Mathematical Economics -II	10	6	60	2019			
	MATHEMATICS	GE-3	Real Analysis	7	6	42	2019			
	ECONOMICS	SEC-1	Insurance Market & Products	9	2	18	2019			
IV	ECONOMICS	CC-8	Selected Features of Indian Economy	9	6	54	2020	9.33	9.31	Q
		CC-9	Statistics-II	9	6	54	2020			
		CC-10	Development Economics	10	6	60	2020			
	BOTANY	GE-4	Plant Physiology and Metabolism	9	6	54	2020			
	ECONOMICS	SEC-2	Basic Computer Applications	10	2	20	2020			
V	ECONOMICS	CC-11	International Economics	8	6	48	2020	8.50	8.50	Q
		CC-12	Money and Banking	10	6	60	2020			
	ECONOMICS	DSE-1	Rural Development	8	6	48	2020			
		DSE-2	Public Economics	8	6	48	2020			
VI	ECONOMICS	CC-13	Basic Econometrics	9	6	54	2021	8.75	8.75	Q
		CC-14	Field Survey & Project Report	9	6	54	2021			
	ECONOMICS	DSE-3	Political Economy	8	6	48	2021			
		DSE-4	Entrepreneurship Development	9	6	54	2021			
CGPA (Cumulative Grade Point Average) on the basis of CCs & DSEs : 8.78							Letter Grade in CGPA : A+	Result : Q		
CGPA (Cumulative Grade Point Average) on the basis of All Courses : 8.56										


Date of Publication of Result: 26.08.2021

$$SGPA(S) = \frac{\sum_{i=1}^n (G_i \times V_i)}{\sum_{i=1}^n V_i} \quad CGPA = \frac{\sum_{i=1}^n (V_i \times S_i)}{\sum_{i=1}^n V_i}$$

Anindya Zoti Pal

Controller of the Examinations

Course Types	CGPA Letter Grades				Result Codes
CC – Core Course	CGPA	Letter Grade	CGPA	Letter Grade	Q - Qualified
GE – Generic Elective	9 and above	O (Outstanding)	5 to below 6	B (Average)	SNC – Semester Not Cleared
DSE – Discipline Specific Elective	8 to below 9	A+ (Excellent)	4 to below 5	P (Pass)	PNC – Programme Not Cleared [CGPA on the basis of CCs and DSEs.<5 or any one or more semester(s) are not cleared]
SEC – Skill Enhancement Course	7 to below 8	A (Very Good)	Below 4	F (Fail)	
AECC – Ability Enhancement Compulsory Course	6 to below 7	B+ (Good)			NC denotes “Not Computed” due to absence in C1, C2 and C4 as applicable.

	Grade Point Norms				Percentage of Conversion Formula: = (SGPA or CGPA × 10) - 5.0 *Letter Grade in CGPA is awarded on the basis of CCs and DSEs
	90% to 100%	10	80% and above but below 90%	9	
	70% and above but below 80%	8	60% and above but below 70%	7	
	50% and above but below 60%	6	40% and above but below 50%	5	
	35% and above but below 40%	4	Below 35%	Not Awarded (NA)	



THE UNIVERSITY OF BURDWAN

B.SC. 3-YEAR DEGREE HONOURS FINAL EXAMINATION 2021 UNDER CBCS

GRADE CARD

Name: SASWATI DAS

Registration No. 201801044236 of 2018-19

Roll No.180340500071

B.Sc. Honours in Physiology (CBCS)										
Semester No.	Subject	Course Code	Course Title	Grade (G)	Credit Value (V)	Grade Point (G×V)	Credit Retained Year	SGPA on the basis of		Result Code
								CCs & DSEs	All Courses	
I	PHYSIOLOGY	CC-1	Cellular Basis of Physiology	8	6	48	2018	8.00	7.82	Q
		CC-2	Biological Physics and Enzymes	8	6	48	2018			
	CHEMISTRY	GE-1	Atomic Structure, Chemical Periodicity, Acids And Bases, Redox Reactions, General Organic Chemistry & Aliphatic Hydrocarbons	8	6	48	2018			
		AECC-1	Fundamentals of Environmental Studies	7	4	28	2018			
II	PHYSIOLOGY	CC-3	Physiology of Nerve and Muscle Cells	8	6	48	2019	8.50	8.00	Q
		CC-4	Chemistry of Biomolecules	9	6	54	2019			
	ZOOLOGY	GE-2	Comparative Anatomy & Developmental Biology of Vertebrates	7	6	42	2019			
	Communicative English/MIL	AECC-2	Communicative English	8	2	16	2019			
III	PHYSIOLOGY	CC-5	Circulating Body Fluids	8	6	48	2019	8.00	7.46	Q
		CC-6	Circulation	8	6	48	2019			
		CC-7	Functions of The Nervous System	8	6	48	2019			
	CHEMISTRY	GE-3	Chemical Energetic, Equilibria, Organic Chemistry	6	6	36	2019			
PHYSIOLOGY	SEC-1	Detection of Food Additives/Adulterants	7	2	14	2019				
IV	PHYSIOLOGY	CC-8	Energy Balance, Metabolism and Nutrition	9	6	54	2020	9.00	8.92	Q
		CC-9	Gastrointestinal Function	9	6	54	2020			
		CC-10	Respiration	9	6	54	2020			
	ZOOLOGY	GE-4	Genetics and Evolutionary Biology	9	6	54	2020			
	PHYSIOLOGY	SEC-2	Hematological Techniques	8	2	16	2020			
V	PHYSIOLOGY	CC-11	Special Senses	8	6	48	2020	7.75	7.75	Q
		CC-12	Endocrinology	8	6	48	2020			
	PHYSIOLOGY	DSE-1	Biological Statistics	8	6	48	2020			
		DSE-2	Sports and Exercise Physiology	7	6	42	2020			
VI	PHYSIOLOGY	CC-13	Reproduction	8	6	48	2021	8.75	8.75	Q
		CC-14	Formation and Excretion of Urine	9	6	54	2021			
	PHYSIOLOGY	DSE-3	Genetics and Molecular Biology	9	6	54	2021			
		DSE-4	Toxicology	9	6	54	2021			
CGPA (Cumulative Grade Point Average) on the basis of CCs & DSEs : 8.33							Letter Grade in CGPA : A+	Result : Q		
CGPA (Cumulative Grade Point Average) on the basis of All Courses : 8.13										

Date of Publication of Result: 26.08.2021

$$SGPA(S) = \frac{\sum_{i=1}^n (G_i \times V_i)}{\sum_{i=1}^n V_i} \quad CGPA = \frac{\sum_{i=1}^n (V_i \times S_i)}{\sum_{i=1}^n V_i}$$

Anindya Zoti Pal

Controller of the Examinations

Course Types	CGPA Letter Grades				Result Codes
CC – Core Course	CGPA	Letter Grade	CGPA	Letter Grade	Q - Qualified
GE – Generic Elective	9 and above	O (Outstanding)	5 to below 6	B (Average)	SNC – Semester Not Cleared
DSE – Discipline Specific Elective	8 to below 9	A+ (Excellent)	4 to below 5	P (Pass)	PNC – Programme Not Cleared [CGPA on the basis of CCs and DSEs.<5 or any one or more semester(s) are not cleared]
SEC – Skill Enhancement Course	7 to below 8	A (Very Good)	Below 4	F (Fail)	
AECC – Ability Enhancement Compulsory Course	6 to below 7	B+ (Good)			NC denotes “Not Computed” due to absence in C1, C2 and C4 as applicable.

	Grade Point Norms				Percentage of Conversion Formula: = (SGPA or CGPA × 10) - 5.0 *Letter Grade in CGPA is awarded on the basis of CCs and DSEs
	90% to 100%	10	80% and above but below 90%	9	
	70% and above but below 80%	8	60% and above but below 70%	7	
	50% and above but below 60%	6	40% and above but below 50%	5	
35% and above but below 40%	4	Below 35%	Not Awarded (NA)		



THE UNIVERSITY OF BURDWAN

B.SC. 3-YEAR DEGREE HONOURS FINAL EXAMINATION 2021 UNDER CBCS

GRADE CARD

Name: SAYANTANI PAL

Registration No. 201801044237 of 2018-19

Roll No.180340500072

B.Sc. Honours in Zoology (CBCS)										
Semester No.	Subject	Course Code	Course Title	Grade (G)	Credit Value (V)	Grade Point (G×V)	Credit Retained Year	SGPA on the basis of		Result Code
								CCs & DSEs	All Courses	
I	ZOOLOGY	CC-1	Non-chordates I	9	6	54	2018	8.50	7.64	Q
		CC-2	Ecology	8	6	48	2018			
	BOTANY	GE-1	Biodiversity (Microbes, Algae, Fungi and Archegoniatae)	7	6	42	2018			
	ENVIRONMENTAL STUDIES	AECC-1	Fundamentals of Environmental Studies	6	4	24	2018			
II	ZOOLOGY	CC-3	Non-chordates II	8	6	48	2019	8.00	7.80	Q
		CC-4	Cell Biology	8	6	48	2019			
	CHEMISTRY	GE-2	States of Matter & Chemical Kinetics, Chemical Bonding & Molecular Structure, P-Block Elements	8	6	48	2019			
	Communicative English/MIL	AECC-2	Communicative English	6	2	12	2019			
III	ZOOLOGY	CC-5	Chordates	9	6	54	2019	8.33	8.23	Q
		CC-6	Animal Physiology: Controlling and Coordinating Systems	8	6	48	2019			
	CC-7	Fundamentals of Biochemistry	8	6	48	2019				
	BOTANY	GE-3	Plant Anatomy and Embryology	8	6	48	2019			
	ZOOLOGY	SEC-1	Apiculture	8	2	16	2019			
IV	ZOOLOGY	CC-8	Comparative Anatomy of Vertebrates	9	6	54	2020	9.33	9.23	Q
		CC-9	Animal Physiology: Life Sustaining Systems	10	6	60	2020			
		CC-10	Immunology	9	6	54	2020			
	CHEMISTRY	GE-4	Solution Phase Equilibria, Conductance, Electrochemistry, Analytical & Environmental Chemistry	9	6	54	2020			
	ZOOLOGY	SEC-2	Medical Diagnostics	9	2	18	2020			
V	ZOOLOGY	CC-11	Molecular Biology	8	6	48	2020	9.00	9.00	Q
		CC-12	Genetics	9	6	54	2020			
	ZOOLOGY	DSE-1	Animal Biotechnology	10	6	60	2020			
		DSE-2	Parasitology	9	6	54	2020			
VI	ZOOLOGY	CC-13	Developmental Biology	10	6	60	2021	10.00	10.00	Q
		CC-14	Evolutionary Biology	10	6	60	2021			
	ZOOLOGY	DSE-3	Animal Behaviour	10	6	60	2021			
		DSE-4	Endocrinology	10	6	60	2021			
CGPA (Cumulative Grade Point Average) on the basis of CCs & DSEs : 9.00							Letter Grade in CGPA : O	Result : Q		
CGPA (Cumulative Grade Point Average) on the basis of All Courses : 8.69										

Date of Publication of Result: 26.08.2021

$$SGPA(S) = \frac{\sum_{i=1}^n (G_i \times V_i)}{\sum_{i=1}^n V_i} \quad CGPA = \frac{\sum_{i=1}^n (V_i \times S_i)}{\sum_{i=1}^n V_i}$$

Anindya Zoti Pal

Controller of the Examinations

Course Types	CGPA Letter Grades				Result Codes
CC – Core Course	CGPA	Letter Grade	CGPA	Letter Grade	Q - Qualified
GE – Generic Elective	9 and above	O (Outstanding)	5 to below 6	B (Average)	SNC – Semester Not Cleared
DSE – Discipline Specific Elective	8 to below 9	A+ (Excellent)	4 to below 5	P (Pass)	PNC – Programme Not Cleared [CGPA on the basis of CCs and DSEs < 5 or any one or more semester(s) are not cleared]
SEC – Skill Enhancement Course	7 to below 8	A (Very Good)	Below 4	F (Fail)	
AECC – Ability Enhancement Compulsory Course	6 to below 7	B+ (Good)			NC denotes “Not Computed” due to absence in C1, C2 and C4 as applicable.

Grade Point Norms	Grade Point Norms		Percentage of Conversion Formula: = (SGPA or CGPA × 10) - 5.0
	90% to 100%	10	
70% and above but below 80%	8	60% and above but below 70%	7
50% and above but below 60%	6	40% and above but below 50%	5
35% and above but below 40%	4	Below 35%	Not Awarded (NA)



THE UNIVERSITY OF BURDWAN

B.SC. 3-YEAR DEGREE HONOURS FINAL EXAMINATION 2021 UNDER CBCS

GRADE CARD

Name: **SHOUBHIK KUMAR BHAUMIK**Registration No. **201801044238** of 2018-19Roll No. **180340500073**

B.Sc. Honours in Physiology (CBCS)										
Semester No.	Subject	Course Code	Course Title	Grade (G)	Credit Value (V)	Grade Point (G×V)	Credit Retained Year	SGPA on the basis of		Result Code
								CCs & DSEs	All Courses	
I	PHYSIOLOGY	CC-1	Cellular Basis of Physiology	8	6	48	2018	8.00	7.27	Q
		CC-2	Biological Physics and Enzymes	8	6	48	2018			
	CHEMISTRY	GE-1	Atomic Structure, Chemical Periodicity, Acids And Bases, Redox Reactions, General Organic Chemistry & Aliphatic Hydrocarbons	6	6	36	2018			
		AECC-1	Fundamentals of Environmental Studies	7	4	28	2018			
II	PHYSIOLOGY	CC-3	Physiology of Nerve and Muscle Cells	8	6	48	2019	8.50	8.10	Q
		CC-4	Chemistry of Biomolecules	9	6	54	2019			
	ZOOLOGY	GE-2	Comparative Anatomy & Developmental Biology of Vertebrates	7	6	42	2019			
	Communicative English/MIL	AECC-2	Communicative English	9	2	18	2019			
III	PHYSIOLOGY	CC-5	Circulating Body Fluids	8	6	48	2019	7.33	7.00	Q
		CC-6	Circulation	7	6	42	2019			
		CC-7	Functions of The Nervous System	7	6	42	2019			
	CHEMISTRY	GE-3	Chemical Energetic, Equilibria, Organic Chemistry	6	6	36	2019			
PHYSIOLOGY	SEC-1	Detection of Food Additives/Adulterants	7	2	14	2019				
IV	PHYSIOLOGY	CC-8	Energy Balance, Metabolism and Nutrition	8	6	48	2020	8.33	8.15	Q
		CC-9	Gastrointestinal Function	9	6	54	2020			
		CC-10	Respiration	8	6	48	2020			
	ZOOLOGY	GE-4	Genetics and Evolutionary Biology	8	6	48	2020			
	PHYSIOLOGY	SEC-2	Hematological Techniques	7	2	14	2020			
V	PHYSIOLOGY	CC-11	Special Senses	8	6	48	2020	8.25	8.25	Q
		CC-12	Endocrinology	8	6	48	2020			
	PHYSIOLOGY	DSE-1	Biological Statistics	9	6	54	2020			
		DSE-2	Sports and Exercise Physiology	8	6	48	2020			
VI	PHYSIOLOGY	CC-13	Reproduction	8	6	48	2021	8.50	8.50	Q
		CC-14	Formation and Excretion of Urine	8	6	48	2021			
	PHYSIOLOGY	DSE-3	Genetics and Molecular Biology	9	6	54	2021			
		DSE-4	Toxicology	9	6	54	2021			
CGPA (Cumulative Grade Point Average) on the basis of CCs & DSEs : 8.17							Letter Grade in CGPA : A+	Result : Q		
CGPA (Cumulative Grade Point Average) on the basis of All Courses : 7.87										

Date of Publication of Result: 26.08.2021

$$SGPA(S) = \frac{\sum_{i=1}^n (G_i \times V_i)}{\sum_{i=1}^n V_i} \quad CGPA = \frac{\sum_{i=1}^n (V_i \times S_i)}{\sum_{i=1}^n V_i}$$

Anindya Zoti Pal

Controller of the Examinations

Course Types	CGPA Letter Grades				Result Codes
CC – Core Course	CGPA	Letter Grade	CGPA	Letter Grade	Q - Qualified
GE – Generic Elective	9 and above	O (Outstanding)	5 to below 6	B (Average)	SNC – Semester Not Cleared
DSE – Discipline Specific Elective	8 to below 9	A+ (Excellent)	4 to below 5	P (Pass)	PNC – Programme Not Cleared [CGPA on the basis of CCs and DSEs < 5 or any one or more semester(s) are not cleared]
SEC – Skill Enhancement Course	7 to below 8	A (Very Good)	Below 4	F (Fail)	
AECC – Ability Enhancement Compulsory Course	6 to below 7	B+ (Good)			NC denotes “Not Computed” due to absence in C1, C2 and C4 as applicable.

Grade Point Norms	Grade Point Norms		Percentage of Conversion Formula: = (SGPA or CGPA × 10) - 5.0
	90% to 100%	10	
70% and above but below 80%	8	60% and above but below 70%	7
50% and above but below 60%	6	40% and above but below 50%	5
35% and above but below 40%	4	Below 35%	Not Awarded (NA)



THE UNIVERSITY OF BURDWAN

B.SC. 3-YEAR DEGREE HONOURS FINAL EXAMINATION 2021 UNDER CBCS

GRADE CARD

Name: SHREYA DAS

Registration No. 201801044239 of 2018-19

Roll No.180340500074

B.Sc. Honours in Mathematics (CBCS)										
Semester No.	Subject	Course Code	Course Title	Grade (G)	Credit Value (V)	Grade Point (G×V)	Credit Retained Year	SGPA on the basis of		Result Code
								CCs & DSEs	All Courses	
I	MATHEMATICS	CC-1	Calculus, Geometry & Differential Equations	9	6	54	2020	9.00	7.09	Q
		CC-2	Algebra	9	6	54	2020			
	PHYSICS	GE-1	Mechanics	4	6	24	2018			
	ENVIRONMENTAL STUDIES	AECC-1	Fundamentals of Environmental Studies	6	4	24	2018			
II	MATHEMATICS	CC-3	Real Analysis	4	6	24	2019	4.00	5.10	Q
		CC-4	Differential Equations and Vector Calculus	4	6	24	2019			
	CHEMISTRY	GE-2	States of Matter & Chemical Kinetics, Chemical Bonding & Molecular Structure, P-Block Elements	6	6	36	2019			
	Communicative English/MIL	AECC-2	Bengali	9	2	18	2019			
III	MATHEMATICS	CC-5	Theory of Real Functions & Introduction to Metric Spaces	7	6	42	2020	7.33	6.85	Q
		CC-6	Group Theory I	9	6	54	2020			
		CC-7	Numerical Methods	6	6	36	2019			
	PHYSICS	GE-3	Thermal Physics and Statistical Mechanics	6	6	36	2019			
MATHEMATICS	SEC-1	Logic and Sets	5	2	10	2019				
IV	MATHEMATICS	CC-8	Riemann Integration and Series of Functions	5	6	30	2020	5.33	5.85	Q
		CC-9	Multivariate Calculus	5	6	30	2020			
		CC-10	Ring Theory and Linear Algebra I	6	6	36	2020			
	CHEMISTRY	GE-4	Solution Phase Equilibria, Conductance, Electrochemistry, Analytical & Environmental Chemistry	7	6	42	2020			
MATHEMATICS	SEC-2	Graph Theory	7	2	14	2020				
V	MATHEMATICS	CC-11	Partial Differential Equations and Applications	8	6	48	2020	9.00	9.00	Q
		CC-12	Mechanics I	8	6	48	2020			
	MATHEMATICS	DSE-1	Linear Programming	10	6	60	2020			
		DSE-2	Probability & Statistics	10	6	60	2020			
VI	MATHEMATICS	CC-13	Metric Spaces and Complex Analysis	8	6	48	2021	9.00	9.00	Q
		CC-14	Ring Theory and Linear Algebra II	10	6	60	2021			
	MATHEMATICS	DSE-3	Project Work	9	6	54	2021			
		DSE-4	Mechanics II	9	6	54	2021			
CGPA (Cumulative Grade Point Average) on the basis of CCs & DSEs : 7.56							Letter Grade in CGPA : A	Result : Q		
CGPA (Cumulative Grade Point Average) on the basis of All Courses : 7.18										


Date of Publication of Result: 26.08.2021

$$SGPA(S) = \frac{\sum_{i=1}^n (G_i \times V_i)}{\sum_{i=1}^n V_i} \quad CGPA = \frac{\sum_{i=1}^n (V_i \times S_i)}{\sum_{i=1}^n V_i}$$

Anindya Zoti Pal

Controller of the Examinations

Course Types	CGPA Letter Grades				Result Codes
CC – Core Course	CGPA	Letter Grade	CGPA	Letter Grade	Q - Qualified
GE – Generic Elective	9 and above	O (Outstanding)	5 to below 6	B (Average)	SNC – Semester Not Cleared
DSE – Discipline Specific Elective	8 to below 9	A+ (Excellent)	4 to below 5	P (Pass)	PNC – Programme Not Cleared [CGPA on the basis of CCs and DSEs < 5 or any one or more semester(s) are not cleared]
SEC – Skill Enhancement Course	7 to below 8	A (Very Good)	Below 4	F (Fail)	
AECC – Ability Enhancement Compulsory Course	6 to below 7	B+ (Good)			NC denotes “Not Computed” due to absence in C1, C2 and C4 as applicable.

	Grade Point Norms				Percentage of Conversion Formula: = (SGPA or CGPA × 10) - 5.0 *Letter Grade in CGPA is awarded on the basis of CCs and DSEs
	90% to 100%	10	80% and above but below 90%	9	
	70% and above but below 80%	8	60% and above but below 70%	7	
	50% and above but below 60%	6	40% and above but below 50%	5	
35% and above but below 40%	4	Below 35%	Not Awarded (NA)		



THE UNIVERSITY OF BURDWAN

B.SC. 3-YEAR DEGREE HONOURS FINAL EXAMINATION 2021 UNDER CBCS

GRADE CARD

Name: SHREYA MISHRA

Registration No. 201801044240 of 2018-19

Roll No.180340500075

B.Sc. Honours in Physiology (CBCS)										
Semester No.	Subject	Course Code	Course Title	Grade (G)	Credit Value (V)	Grade Point (G×V)	Credit Retained Year	SGPA on the basis of		Result Code
								CCs & DSEs	All Courses	
I	PHYSIOLOGY	CC-1	Cellular Basis of Physiology	8	6	48	2018	8.00	7.55	Q
		CC-2	Biological Physics and Enzymes	8	6	48	2018			
	CHEMISTRY	GE-1	Atomic Structure, Chemical Periodicity, Acids And Bases, Redox Reactions, General Organic Chemistry & Aliphatic Hydrocarbons	7	6	42	2018			
		AECC-1	Fundamentals of Environmental Studies	7	4	28	2018			
II	PHYSIOLOGY	CC-3	Physiology of Nerve and Muscle Cells	7	6	42	2019	8.00	7.70	Q
		CC-4	Chemistry of Biomolecules	9	6	54	2019			
	ZOOLOGY	GE-2	Comparative Anatomy & Developmental Biology of Vertebrates	7	6	42	2019			
	Communicative English/MIL	AECC-2	Communicative English	8	2	16	2019			
III	PHYSIOLOGY	CC-5	Circulating Body Fluids	8	6	48	2019	7.33	7.00	Q
		CC-6	Circulation	7	6	42	2019			
		CC-7	Functions of The Nervous System	7	6	42	2019			
	CHEMISTRY	GE-3	Chemical Energetic, Equilibria, Organic Chemistry	6	6	36	2019			
PHYSIOLOGY	SEC-1	Detection of Food Additives/Adulterants	7	2	14	2019				
IV	PHYSIOLOGY	CC-8	Energy Balance, Metabolism and Nutrition	9	6	54	2020	9.00	8.62	Q
		CC-9	Gastrointestinal Function	9	6	54	2020			
		CC-10	Respiration	9	6	54	2020			
	ZOOLOGY	GE-4	Genetics and Evolutionary Biology	8	6	48	2020			
	PHYSIOLOGY	SEC-2	Hematological Techniques	7	2	14	2020			
V	PHYSIOLOGY	CC-11	Special Senses	7	6	42	2020	8.25	8.25	Q
		CC-12	Endocrinology	8	6	48	2020			
	PHYSIOLOGY	DSE-1	Biological Statistics	9	6	54	2020			
		DSE-2	Sports and Exercise Physiology	9	6	54	2020			
VI	PHYSIOLOGY	CC-13	Reproduction	8	6	48	2021	7.75	7.75	Q
		CC-14	Formation and Excretion of Urine	7	6	42	2021			
	PHYSIOLOGY	DSE-3	Genetics and Molecular Biology	9	6	54	2021			
		DSE-4	Toxicology	7	6	42	2021			
CGPA (Cumulative Grade Point Average) on the basis of CCs & DSEs : 8.06							Letter Grade in CGPA : A+	Result : Q		
CGPA (Cumulative Grade Point Average) on the basis of All Courses : 7.82										

Date of Publication of Result: 26.08.2021

$$SGPA(S) = \frac{\sum_{i=1}^n (G_i \times V_i)}{\sum_{i=1}^n V_i} \quad CGPA = \frac{\sum_{i=1}^n (V_i \times S_i)}{\sum_{i=1}^n V_i}$$

Anindya Zoti Pal

Controller of the Examinations

Course Types	CGPA Letter Grades				Result Codes
CC – Core Course	CGPA	Letter Grade	CGPA	Letter Grade	Q - Qualified
GE – Generic Elective	9 and above	O (Outstanding)	5 to below 6	B (Average)	SNC – Semester Not Cleared
DSE – Discipline Specific Elective	8 to below 9	A+ (Excellent)	4 to below 5	P (Pass)	PNC – Programme Not Cleared [CGPA on the basis of CCs and DSEs.<5 or any one or more semester(s) are not cleared]
SEC – Skill Enhancement Course	7 to below 8	A (Very Good)	Below 4	F (Fail)	
AECC – Ability Enhancement Compulsory Course	6 to below 7	B+ (Good)			NC denotes “Not Computed” due to absence in C1, C2 and C4 as applicable.

Grade Point Norms	Grade Point Norms		Percentage of Conversion Formula: = (SGPA or CGPA × 10) - 5.0
	90% to 100%	10	
70% and above but below 80%	8	60% and above but below 70%	7
50% and above but below 60%	6	40% and above but below 50%	5
35% and above but below 40%	4	Below 35%	Not Awarded (NA)



THE UNIVERSITY OF BURDWAN

B.SC. 3-YEAR DEGREE HONOURS FINAL EXAMINATION 2021 UNDER CBCS

GRADE CARD

Name: SHREYASI DAS

Registration No. 201801044241 of 2018-19

Roll No.180340500076

B.Sc. Honours in Mathematics (CBCS)										
Semester No.	Subject	Course Code	Course Title	Grade (G)	Credit Value (V)	Grade Point (G×V)	Credit Retained Year	SGPA on the basis of		Result Code
								CCs & DSEs	All Courses	
I	MATHEMATICS	CC-1	Calculus, Geometry & Differential Equations	8	6	48	2018	7.50	7.36	Q
		CC-2	Algebra	7	6	42	2018			
	PHYSICS	GE-1	Mechanics	8	6	48	2018			
	ENVIRONMENTAL STUDIES	AECC-1	Fundamentals of Environmental Studies	6	4	24	2018			
II	MATHEMATICS	CC-3	Real Analysis	8	6	48	2019	8.50	8.10	Q
		CC-4	Differential Equations and Vector Calculus	9	6	54	2019			
	CHEMISTRY	GE-2	States of Matter & Chemical Kinetics, Chemical Bonding & Molecular Structure, P-Block Elements	7	6	42	2019			
	Communicative English/MIL	AECC-2	Bengali	9	2	18	2019			
III	MATHEMATICS	CC-5	Theory of Real Functions & Introduction to Metric Spaces	7	6	42	2019	7.00	7.23	Q
		CC-6	Group Theory I	6	6	36	2019			
		CC-7	Numerical Methods	8	6	48	2019			
	PHYSICS	GE-3	Thermal Physics and Statistical Mechanics	8	6	48	2019			
MATHEMATICS	SEC-1	Logic and Sets	7	2	14	2019				
IV	MATHEMATICS	CC-8	Riemann Integration and Series of Functions	8	6	48	2020	8.33	8.46	Q
		CC-9	Multivariate Calculus	8	6	48	2020			
		CC-10	Ring Theory and Linear Algebra I	9	6	54	2020			
	CHEMISTRY	GE-4	Solution Phase Equilibria, Conductance, Electrochemistry, Analytical & Environmental Chemistry	9	6	54	2020			
MATHEMATICS	SEC-2	Graph Theory	8	2	16	2020				
V	MATHEMATICS	CC-11	Partial Differential Equations and Applications	9	6	54	2020	9.75	9.75	Q
		CC-12	Mechanics I	10	6	60	2020			
	MATHEMATICS	DSE-1	Linear Programming	10	6	60	2020			
		DSE-2	Probability & Statistics	10	6	60	2020			
VI	MATHEMATICS	CC-13	Metric Spaces and Complex Analysis	10	6	60	2021	9.50	9.50	Q
		CC-14	Ring Theory and Linear Algebra II	10	6	60	2021			
	MATHEMATICS	DSE-3	Project Work	9	6	54	2021			
		DSE-4	Mechanics II	9	6	54	2021			
CGPA (Cumulative Grade Point Average) on the basis of CCs & DSEs : 8.61							Letter Grade in CGPA : A+	Result : Q		
CGPA (Cumulative Grade Point Average) on the basis of All Courses : 8.41										

Date of Publication of Result: 26.08.2021

$$SGPA(S) = \frac{\sum_{i=1}^n (G_i \times V_i)}{\sum_{i=1}^n V_i} \quad CGPA = \frac{\sum_{i=1}^n (V_i \times S_i)}{\sum_{i=1}^n V_i}$$

Anindya Zoti Pal

Controller of the Examinations

Course Types	CGPA Letter Grades				Result Codes
CC – Core Course	CGPA	Letter Grade	CGPA	Letter Grade	Q - Qualified
GE – Generic Elective	9 and above	O (Outstanding)	5 to below 6	B (Average)	SNC – Semester Not Cleared
DSE – Discipline Specific Elective	8 to below 9	A+ (Excellent)	4 to below 5	P (Pass)	PNC – Programme Not Cleared [CGPA on the basis of CCs and DSEs < 5 or any one or more semester(s) are not cleared]
SEC – Skill Enhancement Course	7 to below 8	A (Very Good)	Below 4	F (Fail)	
AECC – Ability Enhancement Compulsory Course	6 to below 7	B+ (Good)			NC denotes “Not Computed” due to absence in C1, C2 and C4 as applicable.

Grade Point Norms	Percentage of Conversion Formula:		
	90% to 100%	10	80% and above but below 90%
70% and above but below 80%	8	60% and above but below 70%	7
50% and above but below 60%	6	40% and above but below 50%	5
35% and above but below 40%	4	Below 35%	Not Awarded (NA)

Percentage of Conversion Formula:
= (SGPA or CGPA × 10) - 5.0

*Letter Grade in CGPA is awarded on the basis of CCs and DSEs



THE UNIVERSITY OF BURDWAN

B.SC. 3-YEAR DEGREE HONOURS FINAL EXAMINATION 2021 UNDER CBCS GRADE CARD

Name: SK EMDAD HOSSAIN

Registration No. 201801044243 of 2018-19

Roll No.180340500077

B.Sc. Honours in Chemistry (CBCS)										
Semester No.	Subject	Course Code	Course Title	Grade (G)	Credit Value (V)	Grade Point (G×V)	Credit Retained Year	SGPA on the basis of		Result Code
								CCs & DSEs	All Courses	
I	CHEMISTRY	CC-1	Organic Chemistry-I	7	6	42	2018	7.00	6.45	Q
		CC-2	Physical Chemistry-I	7	6	42	2018			
	MATHEMATICS	GE-1	Differential Calculus	5	6	30	2018			
	ENVIRONMENTAL STUDIES	AECC-1	Fundamentals of Environmental Studies	7	4	28	2018			
II	CHEMISTRY	CC-3	Inorganic Chemistry-I	9	6	54	2019	8.00	8.10	Q
		CC-4	Organic Chemistry-II	7	6	42	2019			
	PHYSICS	GE-2	Electricity and Magnetism	8	6	48	2019			
	Communicative English/MIL	AECC-2	Bengali	9	2	18	2019			
III	CHEMISTRY	CC-5	Physical Chemistry-II	7	6	42	2019	7.67	7.31	Q
		CC-6	Inorganic Chemistry-II	7	6	42	2019			
		CC-7	Organic Chemistry-III	9	6	54	2019			
	MATHEMATICS	GE-3	Real Analysis	7	6	42	2019			
	CHEMISTRY	SEC-1	Basic Analytical Chemistry	5	2	10	2019			
IV	CHEMISTRY	CC-8	Physical Chemistry-III	8	6	48	2020	8.67	8.54	Q
		CC-9	Inorganic Chemistry-III	9	6	54	2020			
		CC-10	Organic Chemistry - IV	9	6	54	2020			
	PHYSICS	GE-4	Waves and Optics	8	6	48	2020			
	CHEMISTRY	SEC-2	Analytical Clinical Biochemistry	9	2	18	2020			
V	CHEMISTRY	CC-11	Inorganic Chemistry-IV	9	6	54	2020	9.25	9.25	Q
		CC-12	Organic Chemistry-V	9	6	54	2020			
	CHEMISTRY	DSE-1	Advanced Physical Chemistry	9	6	54	2020			
		DSE-2	Analytical Methods in Chemistry	10	6	60	2020			
VI	CHEMISTRY	CC-13	Inorganic Chemistry-V	10	6	60	2021	9.50	9.50	Q
		CC-14	Physical Chemistry-IV	9	6	54	2021			
	CHEMISTRY	DSE-3	Polymer Chemistry	10	6	60	2021			
		DSE-4	Dissertation Followed by Power Point Presentation	9	6	54	2021			
CGPA (Cumulative Grade Point Average) on the basis of CCs & DSEs : 8.56							Letter Grade in CGPA : A+	Result : Q		
CGPA (Cumulative Grade Point Average) on the basis of All Courses : 8.21										


Date of Publication of Result: 26.08.2021

$$SGPA(S) = \frac{\sum_{i=1}^n (G_i \times V_i)}{\sum_{i=1}^n V_i} \quad CGPA = \frac{\sum_{i=1}^n (V_i \times S_i)}{\sum_{i=1}^n V_i}$$

Anindya Zohi Pal

Controller of the Examinations

Course Types	CGPA Letter Grades				Result Codes
CC – Core Course	CGPA	Letter Grade	CGPA	Letter Grade	Q - Qualified
GE – Generic Elective	9 and above	O (Outstanding)	5 to below 6	B (Average)	SNC – Semester Not Cleared
DSE – Discipline Specific Elective	8 to below 9	A+ (Excellent)	4 to below 5	P (Pass)	PNC – Programme Not Cleared [CGPA on the basis of CCs and DSEs < 5 or any one or more semester(s) are not cleared]
SEC – Skill Enhancement Course	7 to below 8	A (Very Good)	Below 4	F (Fail)	
AECC – Ability Enhancement Compulsory Course	6 to below 7	B+ (Good)			NC denotes “Not Computed” due to absence in C1, C2 and C4 as applicable.

	Grade Point Norms				Percentage of Conversion Formula: = (SGPA or CGPA × 10) - 5.0 *Letter Grade in CGPA is awarded on the basis of CCs and DSEs
	90% to 100%	10	80% and above but below 90%	9	
	70% and above but below 80%	8	60% and above but below 70%	7	
	50% and above but below 60%	6	40% and above but below 50%	5	
	35% and above but below 40%	4	Below 35%	Not Awarded (NA)	



THE UNIVERSITY OF BURDWAN

B.SC. 3-YEAR DEGREE HONOURS FINAL EXAMINATION 2021 UNDER CBCS GRADE CARD

Name: SK FARDIN AHAMED

Registration No. 201801044244 of 2018-19

Roll No.180340500078

B.Sc. Honours in Chemistry (CBCS)										
Semester No.	Subject	Course Code	Course Title	Grade (G)	Credit Value (V)	Grade Point (G×V)	Credit Retained Year	SGPA on the basis of		Result Code
								CCs & DSEs	All Courses	
I	CHEMISTRY	CC-1	Organic Chemistry-I	8	6	48	2018	7.50	7.00	Q
		CC-2	Physical Chemistry-I	7	6	42	2018			
	MATHEMATICS	GE-1	Differential Calculus	6	6	36	2018			
	ENVIRONMENTAL STUDIES	AECC-1	Fundamentals of Environmental Studies	7	4	28	2018			
II	CHEMISTRY	CC-3	Inorganic Chemistry-I	6	6	36	2019	6.50	7.00	Q
		CC-4	Organic Chemistry-II	7	6	42	2019			
	PHYSICS	GE-2	Electricity and Magnetism	7	6	42	2019			
	Communicative English/MIL	AECC-2	Bengali	10	2	20	2019			
III	CHEMISTRY	CC-5	Physical Chemistry-II	7	6	42	2019	8.33	7.77	Q
		CC-6	Inorganic Chemistry-II	9	6	54	2019			
		CC-7	Organic Chemistry-III	9	6	54	2019			
	MATHEMATICS	GE-3	Real Analysis	7	6	42	2019			
	CHEMISTRY	SEC-1	Basic Analytical Chemistry	5	2	10	2019			
IV	CHEMISTRY	CC-8	Physical Chemistry-III	9	6	54	2020	9.00	8.77	Q
		CC-9	Inorganic Chemistry-III	9	6	54	2020			
		CC-10	Organic Chemistry - IV	9	6	54	2020			
	PHYSICS	GE-4	Waves and Optics	8	6	48	2020			
	CHEMISTRY	SEC-2	Analytical Clinical Biochemistry	9	2	18	2020			
V	CHEMISTRY	CC-11	Inorganic Chemistry-IV	9	6	54	2020	9.50	9.50	Q
		CC-12	Organic Chemistry-V	9	6	54	2020			
	CHEMISTRY	DSE-1	Advanced Physical Chemistry	10	6	60	2020			
		DSE-2	Analytical Methods in Chemistry	10	6	60	2020			
VI	CHEMISTRY	CC-13	Inorganic Chemistry-V	9	6	54	2021	9.50	9.50	Q
		CC-14	Physical Chemistry-IV	10	6	60	2021			
	CHEMISTRY	DSE-3	Polymer Chemistry	10	6	60	2021			
		DSE-4	Dissertation Followed by Power Point Presentation	9	6	54	2021			
CGPA (Cumulative Grade Point Average) on the basis of CCs & DSEs : 8.67							Letter Grade in CGPA : A+	Result : Q		
CGPA (Cumulative Grade Point Average) on the basis of All Courses : 8.31										


Date of Publication of Result: 26.08.2021

$$SGPA(S) = \frac{\sum_{i=1}^n (G_i \times V_i)}{\sum_{i=1}^n V_i} \quad CGPA = \frac{\sum_{i=1}^n (V_i \times S_i)}{\sum_{i=1}^n V_i}$$

Anindya Zohi Pal

Controller of the Examinations

Course Types	CGPA Letter Grades				Result Codes
CC – Core Course	CGPA	Letter Grade	CGPA	Letter Grade	Q - Qualified
GE – Generic Elective	9 and above	O (Outstanding)	5 to below 6	B (Average)	SNC – Semester Not Cleared
DSE – Discipline Specific Elective	8 to below 9	A+ (Excellent)	4 to below 5	P (Pass)	PNC – Programme Not Cleared [CGPA on the basis of CCs and DSEs < 5 or any one or more semester(s) are not cleared]
SEC – Skill Enhancement Course	7 to below 8	A (Very Good)	Below 4	F (Fail)	
AECC – Ability Enhancement Compulsory Course	6 to below 7	B+ (Good)			NC denotes “Not Computed” due to absence in C1, C2 and C4 as applicable.

	Grade Point Norms				Percentage of Conversion Formula: = (SGPA or CGPA × 10) - 5.0 *Letter Grade in CGPA is awarded on the basis of CCs and DSEs
	90% to 100%	10	80% and above but below 90%	9	
	70% and above but below 80%	8	60% and above but below 70%	7	
	50% and above but below 60%	6	40% and above but below 50%	5	
	35% and above but below 40%	4	Below 35%	Not Awarded (NA)	



THE UNIVERSITY OF BURDWAN

B.SC. 3-YEAR DEGREE HONOURS FINAL EXAMINATION 2021 UNDER CBCS

GRADE CARD

Name: SK RAJIBUL HOSSAIN

Registration No. 201801044245 of 2018-19

Roll No.180340500079

B.Sc. Honours in Mathematics (CBCS)										
Semester No.	Subject	Course Code	Course Title	Grade (G)	Credit Value (V)	Grade Point (G×V)	Credit Retained Year	SGPA on the basis of		Result Code
								CCs & DSEs	All Courses	
I	MATHEMATICS	CC-1	Calculus, Geometry & Differential Equations	5	6	30	2019	5.00	6.18	Q
		CC-2	Algebra	5	6	30	2018			
	PHYSICS	GE-1	Mechanics	8	6	48	2018			
	ENVIRONMENTAL STUDIES	AECC-1	Fundamentals of Environmental Studies	7	4	28	2018			
II	MATHEMATICS	CC-3	Real Analysis	6	6	36	2019	5.50	6.30	Q
		CC-4	Differential Equations and Vector Calculus	5	6	30	2019			
	CHEMISTRY	GE-2	States of Matter & Chemical Kinetics, Chemical Bonding & Molecular Structure, P-Block Elements	7	6	42	2019			
	Communicative English/MIL	AECC-2	Bengali	9	2	18	2019			
III	MATHEMATICS	CC-5	Theory of Real Functions & Introduction to Metric Spaces	4	6	24	2019	4.33	5.00	Q
		CC-6	Group Theory I	4	6	24	2019			
		CC-7	Numerical Methods	5	6	30	2019			
	PHYSICS	GE-3	Thermal Physics and Statistical Mechanics	6	6	36	2019			
MATHEMATICS	SEC-1	Logic and Sets	8	2	16	2019				
IV	MATHEMATICS	CC-8	Riemann Integration and Series of Functions	7	6	42	2020	7.33	7.54	Q
		CC-9	Multivariate Calculus	7	6	42	2020			
		CC-10	Ring Theory and Linear Algebra I	8	6	48	2020			
	CHEMISTRY	GE-4	Solution Phase Equilibria, Conductance, Electrochemistry, Analytical & Environmental Chemistry	8	6	48	2020			
MATHEMATICS	SEC-2	Graph Theory	8	2	16	2020				
V	MATHEMATICS	CC-11	Partial Differential Equations and Applications	10	6	60	2020	10.00	10.00	Q
		CC-12	Mechanics I	10	6	60	2020			
	MATHEMATICS	DSE-1	Linear Programming	10	6	60	2020			
		DSE-2	Probability & Statistics	10	6	60	2020			
VI	MATHEMATICS	CC-13	Metric Spaces and Complex Analysis	10	6	60	2021	9.75	9.75	Q
		CC-14	Ring Theory and Linear Algebra II	10	6	60	2021			
	MATHEMATICS	DSE-3	Project Work	9	6	54	2021			
		DSE-4	Mechanics II	10	6	60	2021			
CGPA (Cumulative Grade Point Average) on the basis of CCs & DSEs : 7.50							Letter Grade in CGPA : A	Result : Q		
CGPA (Cumulative Grade Point Average) on the basis of All Courses : 7.48										


Date of Publication of Result: 26.08.2021

$$SGPA(S) = \frac{\sum_{i=1}^n (G_i \times V_i)}{\sum_{i=1}^n V_i} \quad CGPA = \frac{\sum_{i=1}^n (V_i \times S_i)}{\sum_{i=1}^n V_i}$$

Anindya Zoti Pal

Controller of the Examinations

Course Types	CGPA Letter Grades				Result Codes
CC – Core Course	CGPA	Letter Grade	CGPA	Letter Grade	Q - Qualified
GE – Generic Elective	9 and above	O (Outstanding)	5 to below 6	B (Average)	SNC – Semester Not Cleared
DSE – Discipline Specific Elective	8 to below 9	A+ (Excellent)	4 to below 5	P (Pass)	PNC – Programme Not Cleared [CGPA on the basis of CCs and DSEs < 5 or any one or more semester(s) are not cleared]
SEC – Skill Enhancement Course	7 to below 8	A (Very Good)	Below 4	F (Fail)	
AECC – Ability Enhancement Compulsory Course	6 to below 7	B+ (Good)			NC denotes “Not Computed” due to absence in C1, C2 and C4 as applicable.

	Grade Point Norms				Percentage of Conversion Formula: = (SGPA or CGPA × 10) - 5.0 *Letter Grade in CGPA is awarded on the basis of CCs and DSEs
	90% to 100%	10	80% and above but below 90%	9	
	70% and above but below 80%	8	60% and above but below 70%	7	
	50% and above but below 60%	6	40% and above but below 50%	5	
35% and above but below 40%	4	Below 35%	Not Awarded (NA)		



THE UNIVERSITY OF BURDWAN

B.SC. 3-YEAR DEGREE HONOURS FINAL EXAMINATION 2021 UNDER CBCS GRADE CARD

Name: **SOUMILI BHATTACHARJEE**Registration No. **201801044248** of 2018-19Roll No. **180340500081**

B.Sc. Honours in Botany (CBCS)										
Semester No.	Subject	Course Code	Course Title	Grade (G)	Credit Value (V)	Grade Point (G×V)	Credit Retained Year	SGPA on the basis of		Result Code
								CCs & DSEs	All Courses	
I	BOTANY	CC-1	Microbiology and Phycology	8	6	48	2018	8.00	7.82	Q
		CC-2	Archegoniatae	8	6	48	2018			
	ZOOLOGY	GE-1	Animal Diversity	8	6	48	2018			
	ENVIRONMENTAL STUDIES	AECC-1	Fundamentals of Environmental Studies	7	4	28	2018			
II	BOTANY	CC-3	Mycology and Phytopathology	7	6	42	2019	8.00	7.60	Q
		CC-4	Morphology and Anatomy of Angiosperms	9	6	54	2019			
	CHEMISTRY	GE-2	States of Matter & Chemical Kinetics, Chemical Bonding & Molecular Structure, P-Block Elements	7	6	42	2019			
	Communicative English/MIL	AECC-2	Communicative English	7	2	14	2019			
III	BOTANY	CC-5	Plant Ecology and Phytogeography	9	6	54	2019	8.67	8.15	Q
		CC-6	Plant Systematics	8	6	48	2019			
		CC-7	Economic Botany	9	6	54	2019			
	ZOOLOGY	GE-3	Physiology and Biochemistry	6	6	36	2019			
	BOTANY	SEC-1	Mushroom Culture Technology	10	2	20	2019			
IV	BOTANY	CC-8	Palaeobotany & Palynology	9	6	54	2020	9.33	9.31	Q
		CC-9	Biomolecules and Cell Biology	9	6	54	2020			
		CC-10	Molecular Biology	10	6	60	2020			
	CHEMISTRY	GE-4	Solution Phase Equilibria, Conductance, Electrochemistry, Analytical & Environmental Chemistry	9	6	54	2020			
	BOTANY	SEC-2	Herbal Technology	10	2	20	2020			
V	BOTANY	CC-11	Plant Physiology	9	6	54	2020	9.75	9.75	Q
		CC-12	Plant Metabolism	10	6	60	2020			
	BOTANY	DSE-1	Reproductive Biology of Angiosperms	10	6	60	2020			
		DSE-2	Biostatistics	10	6	60	2020			
VI	BOTANY	CC-13	Genetics & Plant Breeding	10	6	60	2021	9.50	9.50	Q
		CC-14	Plant Biotechnology	9	6	54	2021			
	BOTANY	DSE-3	Plant Evolution & Biodiversity	10	6	60	2021			
		DSE-4	Industrial and Environmental Microbiology	9	6	54	2021			
CGPA (Cumulative Grade Point Average) on the basis of CCs & DSEs : 9.06							Letter Grade in CGPA : O	Result : Q		
CGPA (Cumulative Grade Point Average) on the basis of All Courses : 8.73										

Date of Publication of Result: 26.08.2021

$$SGPA(S) = \frac{\sum_{i=1}^n (G_i \times V_i)}{\sum_{i=1}^n V_i} \quad CGPA = \frac{\sum_{i=1}^n (V_i \times S_i)}{\sum_{i=1}^n V_i}$$

Anindya Zoti Pal

Controller of the Examinations

Course Types	CGPA Letter Grades				Result Codes
CC – Core Course	CGPA	Letter Grade	CGPA	Letter Grade	Q - Qualified
GE – Generic Elective	9 and above	O (Outstanding)	5 to below 6	B (Average)	SNC – Semester Not Cleared
DSE – Discipline Specific Elective	8 to below 9	A+ (Excellent)	4 to below 5	P (Pass)	PNC – Programme Not Cleared [CGPA on the basis of CCs and DSEs < 5 or any one or more semester(s) are not cleared]
SEC – Skill Enhancement Course	7 to below 8	A (Very Good)	Below 4	F (Fail)	
AECC – Ability Enhancement Compulsory Course	6 to below 7	B+ (Good)			NC denotes “Not Computed” due to absence in C1, C2 and C4 as applicable.

Grade Point Norms	Percentage of Conversion Formula: = (SGPA or CGPA × 10) - 5.0		
	90% to 100%	10	80% and above but below 90%
70% and above but below 80%	8	60% and above but below 70%	7
50% and above but below 60%	6	40% and above but below 50%	5
35% and above but below 40%	4	Below 35%	Not Awarded (NA)



THE UNIVERSITY OF BURDWAN

B.SC. 3-YEAR DEGREE HONOURS FINAL EXAMINATION 2021 UNDER CBCS

GRADE CARD

Name: **SOUNIL KUMAR PATRA**Registration No. **201801044250** of 2018-19Roll No. **180340500082**

B.Sc. Honours in Chemistry (CBCS)										
Semester No.	Subject	Course Code	Course Title	Grade (G)	Credit Value (V)	Grade Point (G×V)	Credit Retained Year	SGPA on the basis of		Result Code
								CCs & DSEs	All Courses	
I	CHEMISTRY	CC-1	Organic Chemistry-I	8	6	48	2018	8.00	8.09	Q
		CC-2	Physical Chemistry-I	8	6	48	2018			
	MATHEMATICS	GE-1	Differential Calculus	9	6	54	2018			
	ENVIRONMENTAL STUDIES	AECC-1	Fundamentals of Environmental Studies	7	4	28	2018			
II	CHEMISTRY	CC-3	Inorganic Chemistry-I	9	6	54	2019	8.50	8.80	Q
		CC-4	Organic Chemistry-II	8	6	48	2019			
	PHYSICS	GE-2	Electricity and Magnetism	9	6	54	2019			
	Communicative English/MIL	AECC-2	Bengali	10	2	20	2019			
III	CHEMISTRY	CC-5	Physical Chemistry-II	7	6	42	2019	8.67	8.77	Q
		CC-6	Inorganic Chemistry-II	9	6	54	2019			
		CC-7	Organic Chemistry-III	10	6	60	2019			
	MATHEMATICS	GE-3	Real Analysis	9	6	54	2019			
	CHEMISTRY	SEC-1	Basic Analytical Chemistry	9	2	18	2019			
IV	CHEMISTRY	CC-8	Physical Chemistry-III	9	6	54	2020	9.00	9.08	Q
		CC-9	Inorganic Chemistry-III	9	6	54	2020			
		CC-10	Organic Chemistry - IV	9	6	54	2020			
	PHYSICS	GE-4	Waves and Optics	9	6	54	2020			
	CHEMISTRY	SEC-2	Analytical Clinical Biochemistry	10	2	20	2020			
V	CHEMISTRY	CC-11	Inorganic Chemistry-IV	9	6	54	2020	9.25	9.25	Q
		CC-12	Organic Chemistry-V	10	6	60	2020			
	CHEMISTRY	DSE-1	Advanced Physical Chemistry	9	6	54	2020			
		DSE-2	Analytical Methods in Chemistry	9	6	54	2020			
VI	CHEMISTRY	CC-13	Inorganic Chemistry-V	9	6	54	2021	9.75	9.75	Q
		CC-14	Physical Chemistry-IV	10	6	60	2021			
	CHEMISTRY	DSE-3	Polymer Chemistry	10	6	60	2021			
		DSE-4	Dissertation Followed by Power Point Presentation	10	6	60	2021			
CGPA (Cumulative Grade Point Average) on the basis of CCs & DSEs : 9.00							Letter Grade in CGPA : O	Result : Q		
CGPA (Cumulative Grade Point Average) on the basis of All Courses : 8.97										


Date of Publication of Result: 26.08.2021

$$SGPA(S) = \frac{\sum_{i=1}^n (G_i \times V_i)}{\sum_{i=1}^n V_i} \quad CGPA = \frac{\sum_{i=1}^n (V_i \times S_i)}{\sum_{i=1}^n V_i}$$

Anindya Zoti Pal

Controller of the Examinations

Course Types	CGPA Letter Grades				Result Codes
CC – Core Course	CGPA	Letter Grade	CGPA	Letter Grade	Q - Qualified
GE – Generic Elective	9 and above	O (Outstanding)	5 to below 6	B (Average)	SNC – Semester Not Cleared
DSE – Discipline Specific Elective	8 to below 9	A+ (Excellent)	4 to below 5	P (Pass)	PNC – Programme Not Cleared [CGPA on the basis of CCs and DSEs < 5 or any one or more semester(s) are not cleared]
SEC – Skill Enhancement Course	7 to below 8	A (Very Good)	Below 4	F (Fail)	
AECC – Ability Enhancement Compulsory Course	6 to below 7	B+ (Good)			NC denotes “Not Computed” due to absence in C1, C2 and C4 as applicable.

	Grade Point Norms				Percentage of Conversion Formula: = (SGPA or CGPA × 10) - 5.0 *Letter Grade in CGPA is awarded on the basis of CCs and DSEs
	90% to 100%	10	80% and above but below 90%	9	
	70% and above but below 80%	8	60% and above but below 70%	7	
	50% and above but below 60%	6	40% and above but below 50%	5	
	35% and above but below 40%	4	Below 35%	Not Awarded (NA)	



THE UNIVERSITY OF BURDWAN

B.SC. 3-YEAR DEGREE HONOURS FINAL EXAMINATION 2021 UNDER CBCS

GRADE CARD

Name: **SOUVIK DEY**Registration No. **201801044253** of 2018-19Roll No. **180340500084**

B.Sc. Honours in Zoology (CBCS)										
Semester No.	Subject	Course Code	Course Title	Grade (G)	Credit Value (V)	Grade Point (G×V)	Credit Retained Year	SGPA on the basis of		Result Code
								CCs & DSEs	All Courses	
I	ZOOLOGY	CC-1	Non-chordates I	7	6	42	2018	7.00	6.73	Q
		CC-2	Ecology	7	6	42	2018			
	BOTANY	GE-1	Biodiversity (Microbes, Algae, Fungi and Archeogoniatae)	6	6	36	2018			
	ENVIRONMENTAL STUDIES	AECC-1	Fundamentals of Environmental Studies	7	4	28	2018			
II	ZOOLOGY	CC-3	Non-chordates II	7	6	42	2019	6.50	6.50	Q
		CC-4	Cell Biology	6	6	36	2019			
	CHEMISTRY	GE-2	States of Matter & Chemical Kinetics, Chemical Bonding & Molecular Structure, P-Block Elements	6	6	36	2019			
	Communicative English/MIL	AECC-2	Communicative English	8	2	16	2019			
III	ZOOLOGY	CC-5	Chordates	9	6	54	2019	8.33	8.23	Q
		CC-6	Animal Physiology: Controlling and Coordinating Systems	9	6	54	2019			
	CC-7	Fundamentals of Biochemistry	7	6	42	2019				
	BOTANY	GE-3	Plant Anatomy and Embryology	8	6	48	2019			
	ZOOLOGY	SEC-1	Apiculture	8	2	16	2019			
IV	ZOOLOGY	CC-8	Comparative Anatomy of Vertebrates	9	6	54	2020	9.00	9.00	Q
		CC-9	Animal Physiology: Life Sustaining Systems	9	6	54	2020			
		CC-10	Immunology	9	6	54	2020			
	CHEMISTRY	GE-4	Solution Phase Equilibria, Conductance, Electrochemistry, Analytical & Environmental Chemistry	9	6	54	2020			
	ZOOLOGY	SEC-2	Medical Diagnostics	9	2	18	2020			
V	ZOOLOGY	CC-11	Molecular Biology	8	6	48	2020	8.75	8.75	Q
		CC-12	Genetics	9	6	54	2020			
	ZOOLOGY	DSE-1	Animal Biotechnology	9	6	54	2020			
		DSE-2	Parasitology	9	6	54	2020			
VI	ZOOLOGY	CC-13	Developmental Biology	9	6	54	2021	9.00	9.00	Q
		CC-14	Evolutionary Biology	9	6	54	2021			
	ZOOLOGY	DSE-3	Animal Behaviour	9	6	54	2021			
		DSE-4	Endocrinology	9	6	54	2021			
CGPA (Cumulative Grade Point Average) on the basis of CCs & DSEs : 8.33							Letter Grade in CGPA : A+		Result : Q	
CGPA (Cumulative Grade Point Average) on the basis of All Courses : 8.11										

Date of Publication of Result: 26.08.2021

$$SGPA(S) = \frac{\sum_{i=1}^n (G_i \times V_i)}{\sum_{i=1}^n V_i} \quad CGPA = \frac{\sum_{i=1}^n (V_i \times S_i)}{\sum_{i=1}^n V_i}$$

Anindya Zoti Pal

Controller of the Examinations

Course Types	CGPA Letter Grades				Result Codes
CC – Core Course	CGPA	Letter Grade	CGPA	Letter Grade	Q - Qualified
GE – Generic Elective	9 and above	O (Outstanding)	5 to below 6	B (Average)	SNC – Semester Not Cleared
DSE – Discipline Specific Elective	8 to below 9	A+ (Excellent)	4 to below 5	P (Pass)	PNC – Programme Not Cleared [CGPA on the basis of CCs and DSEs < 5 or any one or more semester(s) are not cleared]
SEC – Skill Enhancement Course	7 to below 8	A (Very Good)	Below 4	F (Fail)	
AECC – Ability Enhancement Compulsory Course	6 to below 7	B+ (Good)			NC denotes “Not Computed” due to absence in C1, C2 and C4 as applicable.

Grade Point Norms	Percentage of Conversion Formula: = (SGPA or CGPA × 10) - 5.0		
	90% to 100%	10	80% and above but below 90%
70% and above but below 80%	8	60% and above but below 70%	7
50% and above but below 60%	6	40% and above but below 50%	5
35% and above but below 40%	4	Below 35%	Not Awarded (NA)



THE UNIVERSITY OF BURDWAN

B.SC. 3-YEAR DEGREE HONOURS FINAL EXAMINATION 2021 UNDER CBCS

GRADE CARD

Name: **SRIJAN BANERJEE**Registration No. **201701041577** of **2017-18**Roll No. **180340500085**

B.Sc. Honours in Physics (CBCS)										
Semester No.	Subject	Course Code	Course Title	Grade (G)	Credit Value (V)	Grade Point (G×V)	Credit Retained Year	SGPA on the basis of		Result Code
								CCs & DSEs	All Courses	
I	PHYSICS	CC-1	Mathematical Physics-I	7	6	42	2018	7.00	7.55	Q
		CC-2	Mechanics	7	6	42	2018			
	CHEMISTRY	GE-1	Atomic Structure, Chemical Periodicity, Acids And Bases, Redox Reactions, General Organic Chemistry & Aliphatic Hydrocarbons	9	6	54	2018			
		AECC-1	Fundamentals of Environmental Studies	7	4	28	2018			
II	PHYSICS	CC-3	Electricity and Magnetism	7	6	42	2019	6.50	7.00	Q
		CC-4	Waves and Optics	6	6	36	2019			
	MATHEMATICS	GE-2	Differential Equations	7	6	42	2019			
	Communicative English/MIL	AECC-2	Bengali	10	2	20	2019			
III	PHYSICS	CC-5	Mathematical Physics-II	6	6	36	2019	5.67	6.15	Q
		CC-6	Thermal Physics	5	6	30	2019			
		CC-7	Digital Systems and Applications	6	6	36	2019			
	CHEMISTRY	GE-3	Chemical Energetic, Equilibria, Organic Chemistry	7	6	42	2019			
IV	PHYSICS	SEC-1	Renewable Energy and Energy Harvesting	8	2	16	2019	7.00	7.54	Q
		CC-8	Mathematical Physics-III	7	6	42	2020			
		CC-9	Elements of Modern Physics	7	6	42	2020			
	MATHEMATICS	GE-4	Algebra	9	6	54	2020			
	PHYSICS	SEC-2	Electrical Circuits and Network Skills	8	2	16	2020			
V	PHYSICS	CC-11	Quantum Mechanics and Applications	10	6	60	2020	9.50	9.50	Q
		CC-12	Solid State Physics	9	6	54	2020			
	PHYSICS	DSE-1	Advanced Mathematical Physics	9	6	54	2020			
		DSE-2	Classical Dynamics	10	6	60	2020			
VI	PHYSICS	CC-13	Electromagnetic Theory	9	6	54	2021	9.25	9.25	Q
		CC-14	Statistical Mechanics	10	6	60	2021			
	PHYSICS	DSE-3	Nuclear and Particle Physics	9	6	54	2021			
		DSE-4	Astronomy and Astrophysics	9	6	54	2021			
CGPA (Cumulative Grade Point Average) on the basis of CCs & DSEs : 7.78							Letter Grade in CGPA : A	Result : Q		
CGPA (Cumulative Grade Point Average) on the basis of All Courses : 7.83										

Date of Publication of Result: 26.08.2021

$$SGPA(S) = \frac{\sum_{i=1}^n (G_i \times V_i)}{\sum_{i=1}^n V_i} \quad CGPA = \frac{\sum_{i=1}^n (V_i \times S_i)}{\sum_{i=1}^n V_i}$$

Anindya Zoti Pal

Controller of the Examinations

Course Types	CGPA Letter Grades				Result Codes
CC – Core Course	CGPA	Letter Grade	CGPA	Letter Grade	Q - Qualified
GE – Generic Elective	9 and above	O (Outstanding)	5 to below 6	B (Average)	SNC – Semester Not Cleared
DSE – Discipline Specific Elective	8 to below 9	A+ (Excellent)	4 to below 5	P (Pass)	PNC – Programme Not Cleared [CGPA on the basis of CCs and DSEs < 5 or any one or more semester(s) are not cleared]
SEC – Skill Enhancement Course	7 to below 8	A (Very Good)	Below 4	F (Fail)	
AECC – Ability Enhancement Compulsory Course	6 to below 7	B+ (Good)			NC denotes “Not Computed” due to absence in C1, C2 and C4 as applicable.

Grade Point Norms	Percentage of Conversion Formula: = (SGPA or CGPA × 10) - 5.0		
	90% to 100%	10	80% and above but below 90%
70% and above but below 80%	8	60% and above but below 70%	7
50% and above but below 60%	6	40% and above but below 50%	5
35% and above but below 40%	4	Below 35%	Not Awarded (NA)



THE UNIVERSITY OF BURDWAN

B.SC. 3-YEAR DEGREE HONOURS FINAL EXAMINATION 2021 UNDER CBCS

GRADE CARD

Name: **SRIJANI ROY**Registration No. **201801044254** of 2018-19Roll No. **180340500086**

B.Sc. Honours in Mathematics (CBCS)										
Semester No.	Subject	Course Code	Course Title	Grade (G)	Credit Value (V)	Grade Point (G×V)	Credit Retained Year	SGPA on the basis of		Result Code
								CCs & DSEs	All Courses	
I	MATHEMATICS	CC-1	Calculus, Geometry & Differential Equations	9	6	54	2018	9.00	8.36	Q
		CC-2	Algebra	9	6	54	2018			
	PHYSICS	GE-1	Mechanics	8	6	48	2018			
	ENVIRONMENTAL STUDIES	AECC-1	Fundamentals of Environmental Studies	7	4	28	2018			
II	MATHEMATICS	CC-3	Real Analysis	10	6	60	2019	9.50	9.30	Q
		CC-4	Differential Equations and Vector Calculus	9	6	54	2019			
	CHEMISTRY	GE-2	States of Matter & Chemical Kinetics, Chemical Bonding & Molecular Structure, P-Block Elements	9	6	54	2019			
	Communicative English/MIL	AECC-2	Bengali	9	2	18	2019			
III	MATHEMATICS	CC-5	Theory of Real Functions & Introduction to Metric Spaces	9	6	54	2019	8.33	8.38	Q
		CC-6	Group Theory I	8	6	48	2019			
		CC-7	Numerical Methods	8	6	48	2019			
	PHYSICS	GE-3	Thermal Physics and Statistical Mechanics	8	6	48	2019			
MATHEMATICS	SEC-1	Logic and Sets	10	2	20	2019				
IV	MATHEMATICS	CC-8	Riemann Integration and Series of Functions	9	6	54	2020	9.33	9.23	Q
		CC-9	Multivariate Calculus	9	6	54	2020			
		CC-10	Ring Theory and Linear Algebra I	10	6	60	2020			
	CHEMISTRY	GE-4	Solution Phase Equilibria, Conductance, Electrochemistry, Analytical & Environmental Chemistry	9	6	54	2020			
MATHEMATICS	SEC-2	Graph Theory	9	2	18	2020				
V	MATHEMATICS	CC-11	Partial Differential Equations and Applications	10	6	60	2020	10.00	10.00	Q
		CC-12	Mechanics I	10	6	60	2020			
	MATHEMATICS	DSE-1	Linear Programming	10	6	60	2020			
		DSE-2	Probability & Statistics	10	6	60	2020			
VI	MATHEMATICS	CC-13	Metric Spaces and Complex Analysis	10	6	60	2021	10.00	10.00	Q
		CC-14	Ring Theory and Linear Algebra II	10	6	60	2021			
	MATHEMATICS	DSE-3	Project Work	10	6	60	2021			
		DSE-4	Mechanics II	10	6	60	2021			
CGPA (Cumulative Grade Point Average) on the basis of CCs & DSEs : 9.44							Letter Grade in CGPA : O	Result : Q		
CGPA (Cumulative Grade Point Average) on the basis of All Courses : 9.21										


Date of Publication of Result: 26.08.2021

$$SGPA(S) = \frac{\sum_{i=1}^n (G_i \times V_i)}{\sum_{i=1}^n V_i} \quad CGPA = \frac{\sum_{i=1}^n (V_i \times S_i)}{\sum_{i=1}^n V_i}$$

Anindya Zoti Pal

Controller of the Examinations

Course Types	CGPA Letter Grades				Result Codes
CC – Core Course	CGPA	Letter Grade	CGPA	Letter Grade	Q - Qualified
GE – Generic Elective	9 and above	O (Outstanding)	5 to below 6	B (Average)	SNC – Semester Not Cleared
DSE – Discipline Specific Elective	8 to below 9	A+ (Excellent)	4 to below 5	P (Pass)	PNC – Programme Not Cleared [CGPA on the basis of CCs and DSEs < 5 or any one or more semester(s) are not cleared]
SEC – Skill Enhancement Course	7 to below 8	A (Very Good)	Below 4	F (Fail)	
AECC – Ability Enhancement Compulsory Course	6 to below 7	B+ (Good)			NC denotes “Not Computed” due to absence in C1, C2 and C4 as applicable.

	Grade Point Norms				Percentage of Conversion Formula: = (SGPA or CGPA × 10) - 5.0 *Letter Grade in CGPA is awarded on the basis of CCs and DSEs
	90% to 100%	10	80% and above but below 90%	9	
	70% and above but below 80%	8	60% and above but below 70%	7	
	50% and above but below 60%	6	40% and above but below 50%	5	
35% and above but below 40%	4	Below 35%	Not Awarded (NA)		



THE UNIVERSITY OF BURDWAN

B.SC. 3-YEAR DEGREE HONOURS FINAL EXAMINATION 2021 UNDER CBCS

GRADE CARD

Name: SUBARNA DUTTA BISWAS

Registration No. 201801044255 of 2018-19

Roll No.180340500087

B.Sc. Honours in Physiology (CBCS)										
Semester No.	Subject	Course Code	Course Title	Grade (G)	Credit Value (V)	Grade Point (G×V)	Credit Retained Year	SGPA on the basis of		Result Code
								CCs & DSEs	All Courses	
I	PHYSIOLOGY	CC-1	Cellular Basis of Physiology	8	6	48	2018	7.50	7.00	Q
		CC-2	Biological Physics and Enzymes	7	6	42	2018			
	CHEMISTRY	GE-1	Atomic Structure, Chemical Periodicity, Acids And Bases, Redox Reactions, General Organic Chemistry & Aliphatic Hydrocarbons	6	6	36	2018			
		AECC-1	Fundamentals of Environmental Studies	7	4	28	2018			
II	PHYSIOLOGY	CC-3	Physiology of Nerve and Muscle Cells	6	6	36	2019	7.00	6.70	Q
		CC-4	Chemistry of Biomolecules	8	6	48	2019			
	ZOOLOGY	GE-2	Comparative Anatomy & Developmental Biology of Vertebrates	6	6	36	2019			
	Communicative English/MIL	AECC-2	Communicative English	7	2	14	2019			
III	PHYSIOLOGY	CC-5	Circulating Body Fluids	8	6	48	2019	7.33	7.00	Q
		CC-6	Circulation	7	6	42	2019			
		CC-7	Functions of The Nervous System	7	6	42	2019			
	CHEMISTRY	GE-3	Chemical Energetic, Equilibria, Organic Chemistry	6	6	36	2019			
PHYSIOLOGY	SEC-1	Detection of Food Additives/Adulterants	7	2	14	2019				
IV	PHYSIOLOGY	CC-8	Energy Balance, Metabolism and Nutrition	9	6	54	2020	9.00	8.69	Q
		CC-9	Gastrointestinal Function	9	6	54	2020			
		CC-10	Respiration	9	6	54	2020			
	ZOOLOGY	GE-4	Genetics and Evolutionary Biology	8	6	48	2020			
	PHYSIOLOGY	SEC-2	Hematological Techniques	8	2	16	2020			
V	PHYSIOLOGY	CC-11	Special Senses	8	6	48	2020	8.75	8.75	Q
		CC-12	Endocrinology	9	6	54	2020			
	PHYSIOLOGY	DSE-1	Biological Statistics	9	6	54	2020			
		DSE-2	Sports and Exercise Physiology	9	6	54	2020			
VI	PHYSIOLOGY	CC-13	Reproduction	8	6	48	2021	8.75	8.75	Q
		CC-14	Formation and Excretion of Urine	9	6	54	2021			
	PHYSIOLOGY	DSE-3	Genetics and Molecular Biology	9	6	54	2021			
		DSE-4	Toxicology	9	6	54	2021			
CGPA (Cumulative Grade Point Average) on the basis of CCs & DSEs : 8.22							Letter Grade in CGPA : A+	Result : Q		
CGPA (Cumulative Grade Point Average) on the basis of All Courses : 7.86										

Date of Publication of Result: 26.08.2021

$$SGPA(S) = \frac{\sum_{i=1}^n (G_i \times V_i)}{\sum_{i=1}^n V_i} \quad CGPA = \frac{\sum_{i=1}^n (V_i \times S_i)}{\sum_{i=1}^n V_i}$$

Anindya Zoti Pal

Controller of the Examinations

Course Types	CGPA Letter Grades				Result Codes
CC – Core Course	CGPA	Letter Grade	CGPA	Letter Grade	Q - Qualified
GE – Generic Elective	9 and above	O (Outstanding)	5 to below 6	B (Average)	SNC – Semester Not Cleared
DSE – Discipline Specific Elective	8 to below 9	A+ (Excellent)	4 to below 5	P (Pass)	PNC – Programme Not Cleared [CGPA on the basis of CCs and DSEs.<5 or any one or more semester(s) are not cleared]
SEC – Skill Enhancement Course	7 to below 8	A (Very Good)	Below 4	F (Fail)	
AECC – Ability Enhancement Compulsory Course	6 to below 7	B+ (Good)			NC denotes “Not Computed” due to absence in C1, C2 and C4 as applicable.

Grade Point Norms	Percentage of Conversion Formula: = (SGPA or CGPA × 10) - 5.0		
	90% to 100%	10	80% and above but below 90%
70% and above but below 80%	8	60% and above but below 70%	7
50% and above but below 60%	6	40% and above but below 50%	5
35% and above but below 40%	4	Below 35%	Not Awarded (NA)



THE UNIVERSITY OF BURDWAN

B.SC. 3-YEAR DEGREE HONOURS FINAL EXAMINATION 2021 UNDER CBCS

GRADE CARD

Name: **SUBHADEEP GHOSH**Registration No. **201801044256** of 2018-19Roll No. **180340500088**

B.Sc. Honours in Physiology (CBCS)										
Semester No.	Subject	Course Code	Course Title	Grade (G)	Credit Value (V)	Grade Point (G×V)	Credit Retained Year	SGPA on the basis of		Result Code
								CCs & DSEs	All Courses	
I	PHYSIOLOGY	CC-1	Cellular Basis of Physiology	7	6	42	2018	7.50	7.09	Q
		CC-2	Biological Physics and Enzymes	8	6	48	2018			
	CHEMISTRY	GE-1	Atomic Structure, Chemical Periodicity, Acids And Bases, Redox Reactions, General Organic Chemistry & Aliphatic Hydrocarbons	7	6	42	2018			
		AECC-1	Fundamentals of Environmental Studies	6	4	24	2018			
II	PHYSIOLOGY	CC-3	Physiology of Nerve and Muscle Cells	9	6	54	2019	9.00	8.40	Q
		CC-4	Chemistry of Biomolecules	9	6	54	2019			
	ZOOLOGY	GE-2	Comparative Anatomy & Developmental Biology of Vertebrates	7	6	42	2019			
	Communicative English/MIL	AECC-2	Communicative English	9	2	18	2019			
III	PHYSIOLOGY	CC-5	Circulating Body Fluids	9	6	54	2019	8.67	8.15	Q
		CC-6	Circulation	8	6	48	2019			
		CC-7	Functions of The Nervous System	9	6	54	2019			
	CHEMISTRY	GE-3	Chemical Energetic, Equilibria, Organic Chemistry	7	6	42	2019			
PHYSIOLOGY	SEC-1	Detection of Food Additives/Adulterants	7	2	14	2019				
IV	PHYSIOLOGY	CC-8	Energy Balance, Metabolism and Nutrition	9	6	54	2020	9.00	9.00	Q
		CC-9	Gastrointestinal Function	9	6	54	2020			
		CC-10	Respiration	9	6	54	2020			
	ZOOLOGY	GE-4	Genetics and Evolutionary Biology	9	6	54	2020			
	PHYSIOLOGY	SEC-2	Hematological Techniques	9	2	18	2020			
V	PHYSIOLOGY	CC-11	Special Senses	8	6	48	2020	8.75	8.75	Q
		CC-12	Endocrinology	9	6	54	2020			
	PHYSIOLOGY	DSE-1	Biological Statistics	10	6	60	2020			
		DSE-2	Sports and Exercise Physiology	8	6	48	2020			
VI	PHYSIOLOGY	CC-13	Reproduction	9	6	54	2021	9.00	9.00	Q
		CC-14	Formation and Excretion of Urine	9	6	54	2021			
	PHYSIOLOGY	DSE-3	Genetics and Molecular Biology	9	6	54	2021			
		DSE-4	Toxicology	9	6	54	2021			
CGPA (Cumulative Grade Point Average) on the basis of CCs & DSEs : 8.72							Letter Grade in CGPA : A+	Result : Q		
CGPA (Cumulative Grade Point Average) on the basis of All Courses : 8.42										


Date of Publication of Result: 26.08.2021

$$SGPA(S) = \frac{\sum_{i=1}^n (G_i \times V_i)}{\sum_{i=1}^n V_i} \quad CGPA = \frac{\sum_{i=1}^n (V_i \times S_i)}{\sum_{i=1}^n V_i}$$

Anindya Zoti Pal

Controller of the Examinations

Course Types	CGPA Letter Grades				Result Codes
CC – Core Course	CGPA	Letter Grade	CGPA	Letter Grade	Q - Qualified
GE – Generic Elective	9 and above	O (Outstanding)	5 to below 6	B (Average)	SNC – Semester Not Cleared
DSE – Discipline Specific Elective	8 to below 9	A+ (Excellent)	4 to below 5	P (Pass)	PNC – Programme Not Cleared [CGPA on the basis of CCs and DSEs < 5 or any one or more semester(s) are not cleared]
SEC – Skill Enhancement Course	7 to below 8	A (Very Good)	Below 4	F (Fail)	
AECC – Ability Enhancement Compulsory Course	6 to below 7	B+ (Good)			NC denotes “Not Computed” due to absence in C1, C2 and C4 as applicable.

	Grade Point Norms				Percentage of Conversion Formula: = (SGPA or CGPA × 10) - 5.0 *Letter Grade in CGPA is awarded on the basis of CCs and DSEs
	90% to 100%	10	80% and above but below 90%	9	
	70% and above but below 80%	8	60% and above but below 70%	7	
	50% and above but below 60%	6	40% and above but below 50%	5	
35% and above but below 40%	4	Below 35%	Not Awarded (NA)		



THE UNIVERSITY OF BURDWAN

B.SC. 3-YEAR DEGREE HONOURS FINAL EXAMINATION 2021 UNDER CBCS

GRADE CARD

Name: SUBHADIP MUKHERJEE

Registration No. 201801044257 of 2018-19

Roll No. 180340500089

B.Sc. Honours in Zoology (CBCS)										
Semester No.	Subject	Course Code	Course Title	Grade (G)	Credit Value (V)	Grade Point (G×V)	Credit Retained Year	SGPA on the basis of		Result Code
								CCs & DSEs	All Courses	
I	ZOOLOGY	CC-1	Non-chordates I	7	6	42	2018	6.50	6.27	Q
		CC-2	Ecology	6	6	36	2018			
	BOTANY	GE-1	Biodiversity (Microbes, Algae, Fungi and Archeogoniatæ)	6	6	36	2018			
	ENVIRONMENTAL STUDIES	AECC-1	Fundamentals of Environmental Studies	6	4	24	2018			
II	ZOOLOGY	CC-3	Non-chordates II	5	6	30	2019	5.50	6.00	Q
		CC-4	Cell Biology	6	6	36	2019			
	CHEMISTRY	GE-2	States of Matter & Chemical Kinetics, Chemical Bonding & Molecular Structure, P-Block Elements	6	6	36	2019			
	Communicative English/MIL	AECC-2	Bengali	9	2	18	2019			
III	ZOOLOGY	CC-5	Chordates	8	6	48	2019	7.67	7.31	Q
		CC-6	Animal Physiology: Controlling and Coordinating Systems	8	6	48	2019			
	CC-7	Fundamentals of Biochemistry	7	6	42	2019				
	BOTANY	GE-3	Plant Anatomy and Embryology	7	6	42	2019			
	ZOOLOGY	SEC-1	Apiculture	5	2	10	2019			
IV	ZOOLOGY	CC-8	Comparative Anatomy of Vertebrates	8	6	48	2020	8.00	8.00	Q
		CC-9	Animal Physiology: Life Sustaining Systems	8	6	48	2020			
		CC-10	Immunology	8	6	48	2020			
	CHEMISTRY	GE-4	Solution Phase Equilibria, Conductance, Electrochemistry, Analytical & Environmental Chemistry	8	6	48	2020			
	ZOOLOGY	SEC-2	Medical Diagnostics	8	2	16	2020			
V	ZOOLOGY	CC-11	Molecular Biology	8	6	48	2020	8.50	8.50	Q
		CC-12	Genetics	9	6	54	2020			
	ZOOLOGY	DSE-1	Animal Biotechnology	9	6	54	2020			
		DSE-2	Parasitology	8	6	48	2020			
VI	ZOOLOGY	CC-13	Developmental Biology	9	6	54	2021	9.00	9.00	Q
		CC-14	Evolutionary Biology	9	6	54	2021			
	ZOOLOGY	DSE-3	Animal Behaviour	9	6	54	2021			
		DSE-4	Endocrinology	9	6	54	2021			
CGPA (Cumulative Grade Point Average) on the basis of CCs & DSEs : 7.83							Letter Grade in CGPA : A	Result : Q		
CGPA (Cumulative Grade Point Average) on the basis of All Courses : 7.58										


Date of Publication of Result: 26.08.2021

$$SGPA(S) = \frac{\sum_{i=1}^n (G_i \times V_i)}{\sum_{i=1}^n V_i} \quad CGPA = \frac{\sum_{i=1}^N (V_i \times S_i)}{\sum_{i=1}^N V_i}$$

Anindya Zoti Pal

Controller of the Examinations

Course Types	CGPA Letter Grades				Result Codes
CC – Core Course	CGPA	Letter Grade	CGPA	Letter Grade	Q - Qualified
GE – Generic Elective	9 and above	O (Outstanding)	5 to below 6	B (Average)	SNC – Semester Not Cleared
DSE – Discipline Specific Elective	8 to below 9	A+ (Excellent)	4 to below 5	P (Pass)	PNC – Programme Not Cleared [CGPA on the basis of CCs and DSEs < 5 or any one or more semester(s) are not cleared]
SEC – Skill Enhancement Course	7 to below 8	A (Very Good)	Below 4	F (Fail)	
AECC – Ability Enhancement Compulsory Course	6 to below 7	B+ (Good)			NC denotes “Not Computed” due to absence in C1, C2 and C4 as applicable.

	Grade Point Norms				Percentage of Conversion Formula: = (SGPA or CGPA × 10) - 5.0 *Letter Grade in CGPA is awarded on the basis of CCs and DSEs
	90% to 100%	10	80% and above but below 90%	9	
	70% and above but below 80%	8	60% and above but below 70%	7	
	50% and above but below 60%	6	40% and above but below 50%	5	
	35% and above but below 40%	4	Below 35%	Not Awarded (NA)	



THE UNIVERSITY OF BURDWAN

B.SC. 3-YEAR DEGREE HONOURS FINAL EXAMINATION 2021 UNDER CBCS GRADE CARD

Name: **SUBHRAJYOTI ROY**Registration No. **201801044258** of 2018-19Roll No. **180340500090**

B.Sc. Honours in Zoology (CBCS)										
Semester No.	Subject	Course Code	Course Title	Grade (G)	Credit Value (V)	Grade Point (G×V)	Credit Retained Year	SGPA on the basis of		Result Code
								CCs & DSEs	All Courses	
I	ZOOLOGY	CC-1	Non-chordates I	8	6	48	2018	7.50	7.55	Q
		CC-2	Ecology	7	6	42	2018			
	PHYSIOLOGY	GE-1	Cellular Physiology, Biophysics, Biochemistry of Biomolecules	8	6	48	2018			
	ENVIRONMENTAL STUDIES	AECC-1	Fundamentals of Environmental Studies	7	4	28	2018			
II	ZOOLOGY	CC-3	Non-chordates II	8	6	48	2019	7.50	7.20	Q
		CC-4	Cell Biology	7	6	42	2019			
	CHEMISTRY	GE-2	States of Matter & Chemical Kinetics, Chemical Bonding & Molecular Structure, P-Block Elements	6	6	36	2019			
	Communicative English/MIL	AECC-2	Bengali	9	2	18	2019			
III	ZOOLOGY	CC-5	Chordates	9	6	54	2019	8.00	8.15	Q
		CC-6	Animal Physiology: Controlling and Coordinating Systems	8	6	48	2019			
		CC-7	Fundamentals of Biochemistry	7	6	42	2019			
	PHYSIOLOGY	GE-3	Respiratory and Cardiovascular Physiology	9	6	54	2019			
	ZOOLOGY	SEC-1	Apiculture	7	2	14	2019			
IV	ZOOLOGY	CC-8	Comparative Anatomy of Vertebrates	9	6	54	2020	9.00	9.00	Q
		CC-9	Animal Physiology: Life Sustaining Systems	9	6	54	2020			
		CC-10	Immunology	9	6	54	2020			
	CHEMISTRY	GE-4	Solution Phase Equilibria, Conductance, Electrochemistry, Analytical & Environmental Chemistry	9	6	54	2020			
	ZOOLOGY	SEC-2	Medical Diagnostics	9	2	18	2020			
V	ZOOLOGY	CC-11	Molecular Biology	8	6	48	2020	8.25	8.25	Q
		CC-12	Genetics	8	6	48	2020			
	ZOOLOGY	DSE-1	Animal Biotechnology	9	6	54	2020			
		DSE-2	Parasitology	8	6	48	2020			
VI	ZOOLOGY	CC-13	Developmental Biology	9	6	54	2021	9.00	9.00	Q
		CC-14	Evolutionary Biology	9	6	54	2021			
	ZOOLOGY	DSE-3	Animal Behaviour	9	6	54	2021			
		DSE-4	Endocrinology	9	6	54	2021			
CGPA (Cumulative Grade Point Average) on the basis of CCs & DSEs : 8.33							Letter Grade in CGPA : A+	Result : Q		
CGPA (Cumulative Grade Point Average) on the basis of All Courses : 8.24										


Date of Publication of Result: 26.08.2021

$$SGPA(S) = \frac{\sum_{i=1}^n (G_i \times V_i)}{\sum_{i=1}^n V_i} \quad CGPA = \frac{\sum_{i=1}^n (V_i \times S_i)}{\sum_{i=1}^n V_i}$$

Anindya Jyoti Pal

Controller of the Examinations

Course Types	CGPA Letter Grades				Result Codes
CC – Core Course	CGPA	Letter Grade	CGPA	Letter Grade	Q - Qualified
GE – Generic Elective	9 and above	O (Outstanding)	5 to below 6	B (Average)	SNC – Semester Not Cleared
DSE – Discipline Specific Elective	8 to below 9	A+ (Excellent)	4 to below 5	P (Pass)	PNC – Programme Not Cleared [CGPA on the basis of CCs and DSEs < 5 or any one or more semester(s) are not cleared]
SEC – Skill Enhancement Course	7 to below 8	A (Very Good)	Below 4	F (Fail)	
AECC – Ability Enhancement Compulsory Course	6 to below 7	B+ (Good)			NC denotes “Not Computed” due to absence in C1, C2 and C4 as applicable.

	Grade Point Norms				Percentage of Conversion Formula: = (SGPA or CGPA × 10) - 5.0 *Letter Grade in CGPA is awarded on the basis of CCs and DSEs
	90% to 100%	10	80% and above but below 90%	9	
	70% and above but below 80%	8	60% and above but below 70%	7	
	50% and above but below 60%	6	40% and above but below 50%	5	
35% and above but below 40%	4	Below 35%	Not Awarded (NA)		



THE UNIVERSITY OF BURDWAN

B.SC. 3-YEAR DEGREE HONOURS FINAL EXAMINATION 2021 UNDER CBCS

GRADE CARD

Name: **SUDIP MALIK**Registration No. **201801044259** of 2018-19Roll No. **180340500091**

B.Sc. Honours in Physics (CBCS)										
Semester No.	Subject	Course Code	Course Title	Grade (G)	Credit Value (V)	Grade Point (G×V)	Credit Retained Year	SGPA on the basis of		Result Code
								CCs & DSEs	All Courses	
I	PHYSICS	CC-1	Mathematical Physics-I	7	6	42	2018	7.00	7.27	Q
		CC-2	Mechanics	7	6	42	2018			
	CHEMISTRY	GE-1	Atomic Structure, Chemical Periodicity, Acids And Bases, Redox Reactions, General Organic Chemistry & Aliphatic Hydrocarbons	8	6	48	2018			
		AECC-1	Fundamentals of Environmental Studies	7	4	28	2018			
II	PHYSICS	CC-3	Electricity and Magnetism	7	6	42	2019	7.00	6.90	Q
		CC-4	Waves and Optics	7	6	42	2019			
	MATHEMATICS	GE-2	Differential Equations	6	6	36	2019			
	Communicative English/MIL	AECC-2	Bengali	9	2	18	2019			
III	PHYSICS	CC-5	Mathematical Physics-II	6	6	36	2019	6.33	6.62	Q
		CC-6	Thermal Physics	6	6	36	2019			
		CC-7	Digital Systems and Applications	7	6	42	2019			
	CHEMISTRY	GE-3	Chemical Energetic, Equilibria, Organic Chemistry	7	6	42	2019			
	PHYSICS	SEC-1	Renewable Energy and Energy Harvesting	8	2	16	2019			
IV	PHYSICS	CC-8	Mathematical Physics-III	8	6	48	2020	8.00	8.15	Q
		CC-9	Elements of Modern Physics	8	6	48	2020			
		CC-10	Analog Systems & Applications	8	6	48	2020			
	MATHEMATICS	GE-4	Algebra	9	6	54	2020			
	PHYSICS	SEC-2	Electrical Circuits and Network Skills	7	2	14	2020			
V	PHYSICS	CC-11	Quantum Mechanics and Applications	9	6	54	2020	8.75	8.75	Q
		CC-12	Solid State Physics	9	6	54	2020			
	PHYSICS	DSE-1	Advanced Mathematical Physics	8	6	48	2020			
		DSE-2	Classical Dynamics	9	6	54	2020			
VI	PHYSICS	CC-13	Electromagnetic Theory	9	6	54	2021	9.00	9.00	Q
		CC-14	Statistical Mechanics	10	6	60	2021			
	PHYSICS	DSE-3	Nuclear and Particle Physics	9	6	54	2021			
		DSE-4	Astronomy and Astrophysics	8	6	48	2021			
CGPA (Cumulative Grade Point Average) on the basis of CCs & DSEs : 7.89							Letter Grade in CGPA : A	Result : Q		
CGPA (Cumulative Grade Point Average) on the basis of All Courses : 7.80										


Date of Publication of Result: 26.08.2021

$$SGPA(S) = \frac{\sum_{i=1}^n (G_i \times V_i)}{\sum_{i=1}^n V_i} \quad CGPA = \frac{\sum_{i=1}^n (V_i \times S_i)}{\sum_{i=1}^n V_i}$$

Anindya Zoti Pal

Controller of the Examinations

Course Types	CGPA Letter Grades				Result Codes
CC – Core Course	CGPA	Letter Grade	CGPA	Letter Grade	Q - Qualified
GE – Generic Elective	9 and above	O (Outstanding)	5 to below 6	B (Average)	SNC – Semester Not Cleared
DSE – Discipline Specific Elective	8 to below 9	A+ (Excellent)	4 to below 5	P (Pass)	PNC – Programme Not Cleared [CGPA on the basis of CCs and DSEs < 5 or any one or more semester(s) are not cleared]
SEC – Skill Enhancement Course	7 to below 8	A (Very Good)	Below 4	F (Fail)	
AECC – Ability Enhancement Compulsory Course	6 to below 7	B+ (Good)			NC denotes “Not Computed” due to absence in C1, C2 and C4 as applicable.

	Grade Point Norms				Percentage of Conversion Formula: = (SGPA or CGPA × 10) - 5.0 *Letter Grade in CGPA is awarded on the basis of CCs and DSEs
	90% to 100%	10	80% and above but below 90%	9	
	70% and above but below 80%	8	60% and above but below 70%	7	
	50% and above but below 60%	6	40% and above but below 50%	5	
35% and above but below 40%	4	Below 35%	Not Awarded (NA)		



THE UNIVERSITY OF BURDWAN

B.SC. 3-YEAR DEGREE HONOURS FINAL EXAMINATION 2021 UNDER CBCS

GRADE CARD

Name: SUDIPA SARKAR

Registration No. 201801044260 of 2018-19

Roll No.180340500092

B.Sc. Honours in Mathematics (CBCS)										
Semester No.	Subject	Course Code	Course Title	Grade (G)	Credit Value (V)	Grade Point (G×V)	Credit Retained Year	SGPA on the basis of		Result Code
								CCs & DSEs	All Courses	
I	MATHEMATICS	CC-1	Calculus, Geometry & Differential Equations	7	6	42	2018	7.00	7.09	Q
		CC-2	Algebra	7	6	42	2018			
	PHYSICS	GE-1	Mechanics	8	6	48	2018			
	ENVIRONMENTAL STUDIES	AECC-1	Fundamentals of Environmental Studies	6	4	24	2018			
II	MATHEMATICS	CC-3	Real Analysis	9	6	54	2019	9.00	8.20	Q
		CC-4	Differential Equations and Vector Calculus	9	6	54	2019			
	CHEMISTRY	GE-2	States of Matter & Chemical Kinetics, Chemical Bonding & Molecular Structure, P-Block Elements	7	6	42	2019			
	Communicative English/MIL	AECC-2	Bengali	7	2	14	2019			
III	MATHEMATICS	CC-5	Theory of Real Functions & Introduction to Metric Spaces	6	6	36	2019	6.00	6.69	Q
		CC-6	Group Theory I	5	6	30	2019			
		CC-7	Numerical Methods	7	6	42	2019			
	PHYSICS	GE-3	Thermal Physics and Statistical Mechanics	8	6	48	2019			
MATHEMATICS	SEC-1	Logic and Sets	9	2	18	2019				
IV	MATHEMATICS	CC-8	Riemann Integration and Series of Functions	7	6	42	2020	7.67	7.77	Q
		CC-9	Multivariate Calculus	8	6	48	2020			
		CC-10	Ring Theory and Linear Algebra I	8	6	48	2020			
	CHEMISTRY	GE-4	Solution Phase Equilibria, Conductance, Electrochemistry, Analytical & Environmental Chemistry	8	6	48	2020			
MATHEMATICS	SEC-2	Graph Theory	8	2	16	2020				
V	MATHEMATICS	CC-11	Partial Differential Equations and Applications	9	6	54	2020	9.25	9.25	Q
		CC-12	Mechanics I	8	6	48	2020			
	MATHEMATICS	DSE-1	Linear Programming	10	6	60	2020			
		DSE-2	Probability & Statistics	10	6	60	2020			
VI	MATHEMATICS	CC-13	Metric Spaces and Complex Analysis	10	6	60	2021	9.75	9.75	Q
		CC-14	Ring Theory and Linear Algebra II	10	6	60	2021			
	MATHEMATICS	DSE-3	Project Work	9	6	54	2021			
		DSE-4	Mechanics II	10	6	60	2021			
CGPA (Cumulative Grade Point Average) on the basis of CCs & DSEs : 8.28							Letter Grade in CGPA : A+	Result : Q		
CGPA (Cumulative Grade Point Average) on the basis of All Courses : 8.11										

Date of Publication of Result: 26.08.2021

$$SGPA(S) = \frac{\sum_{i=1}^n (G_i \times V_i)}{\sum_{i=1}^n V_i} \quad CGPA = \frac{\sum_{i=1}^n (V_i \times S_i)}{\sum_{i=1}^n V_i}$$

Anindya Zoti Pal

Controller of the Examinations

Course Types	CGPA Letter Grades				Result Codes
CC – Core Course	CGPA	Letter Grade	CGPA	Letter Grade	Q - Qualified
GE – Generic Elective	9 and above	O (Outstanding)	5 to below 6	B (Average)	SNC – Semester Not Cleared
DSE – Discipline Specific Elective	8 to below 9	A+ (Excellent)	4 to below 5	P (Pass)	PNC – Programme Not Cleared [CGPA on the basis of CCs and DSEs < 5 or any one or more semester(s) are not cleared]
SEC – Skill Enhancement Course	7 to below 8	A (Very Good)	Below 4	F (Fail)	
AECC – Ability Enhancement Compulsory Course	6 to below 7	B+ (Good)			NC denotes “Not Computed” due to absence in C1, C2 and C4 as applicable.

Grade Point Norms	Percentage of Conversion Formula:		
	90% to 100%	10	80% and above but below 90%
70% and above but below 80%	8	60% and above but below 70%	7
50% and above but below 60%	6	40% and above but below 50%	5
35% and above but below 40%	4	Below 35%	Not Awarded (NA)



Percentage of Conversion Formula:
= (SGPA or CGPA × 10) - 5.0

*Letter Grade in CGPA is awarded on the basis of CCs and DSEs



THE UNIVERSITY OF BURDWAN

B.SC. 3-YEAR DEGREE HONOURS FINAL EXAMINATION 2021 UNDER CBCS

GRADE CARD

Name: SUMITA DAS

Registration No. 201801044262 of 2018-19

Roll No.180340500093

B.Sc. Honours in Zoology (CBCS)										
Semester No.	Subject	Course Code	Course Title	Grade (G)	Credit Value (V)	Grade Point (G×V)	Credit Retained Year	SGPA on the basis of		Result Code
								CCs & DSEs	All Courses	
I	ZOOLOGY	CC-1	Non-chordates I	9	6	54	2018	8.50	8.36	Q
		CC-2	Ecology	8	6	48	2018			
	BOTANY	GE-1	Biodiversity (Microbes, Algae, Fungi and Archeogoniatæ)	9	6	54	2018			
	ENVIRONMENTAL STUDIES	AECC-1	Fundamentals of Environmental Studies	7	4	28	2018			
II	ZOOLOGY	CC-3	Non-chordates II	9	6	54	2019	8.50	8.20	Q
		CC-4	Cell Biology	8	6	48	2019			
	CHEMISTRY	GE-2	States of Matter & Chemical Kinetics, Chemical Bonding & Molecular Structure, P-Block Elements	8	6	48	2019			
	Communicative English/MIL	AECC-2	Communicative English	7	2	14	2019			
III	ZOOLOGY	CC-5	Chordates	10	6	60	2019	9.33	9.23	Q
		CC-6	Animal Physiology: Controlling and Coordinating Systems	9	6	54	2019			
		CC-7	Fundamentals of Biochemistry	9	6	54	2019			
	BOTANY	GE-3	Plant Anatomy and Embryology	9	6	54	2019			
	ZOOLOGY	SEC-1	Apiculture	9	2	18	2019			
IV	ZOOLOGY	CC-8	Comparative Anatomy of Vertebrates	9	6	54	2020	9.67	9.54	Q
		CC-9	Animal Physiology: Life Sustaining Systems	10	6	60	2020			
		CC-10	Immunology	10	6	60	2020			
	CHEMISTRY	GE-4	Solution Phase Equilibria, Conductance, Electrochemistry, Analytical & Environmental Chemistry	9	6	54	2020			
	ZOOLOGY	SEC-2	Medical Diagnostics	10	2	20	2020			
V	ZOOLOGY	CC-11	Molecular Biology	9	6	54	2020	9.25	9.25	Q
		CC-12	Genetics	9	6	54	2020			
	ZOOLOGY	DSE-1	Animal Biotechnology	10	6	60	2020			
		DSE-2	Parasitology	9	6	54	2020			
VI	ZOOLOGY	CC-13	Developmental Biology	10	6	60	2021	10.00	10.00	Q
		CC-14	Evolutionary Biology	10	6	60	2021			
	ZOOLOGY	DSE-3	Animal Behaviour	10	6	60	2021			
		DSE-4	Endocrinology	10	6	60	2021			
CGPA (Cumulative Grade Point Average) on the basis of CCs & DSEs : 9.33							Letter Grade in CGPA : O	Result : Q		
CGPA (Cumulative Grade Point Average) on the basis of All Courses : 9.14										

Date of Publication of Result: 26.08.2021

$$SGPA(S) = \frac{\sum_{i=1}^n (G_i \times V_i)}{\sum_{i=1}^n V_i} \quad CGPA = \frac{\sum_{i=1}^n (V_i \times S_i)}{\sum_{i=1}^n V_i}$$

Anindya Zoti Pal

Controller of the Examinations

Course Types	CGPA Letter Grades				Result Codes
CC – Core Course	CGPA	Letter Grade	CGPA	Letter Grade	Q - Qualified
GE – Generic Elective	9 and above	O (Outstanding)	5 to below 6	B (Average)	SNC – Semester Not Cleared
DSE – Discipline Specific Elective	8 to below 9	A+ (Excellent)	4 to below 5	P (Pass)	PNC – Programme Not Cleared [CGPA on the basis of CCs and DSEs < 5 or any one or more semester(s) are not cleared]
SEC – Skill Enhancement Course	7 to below 8	A (Very Good)	Below 4	F (Fail)	
AECC – Ability Enhancement Compulsory Course	6 to below 7	B+ (Good)			NC denotes “Not Computed” due to absence in C1, C2 and C4 as applicable.

Grade Point Norms	Grade Point Norms		Percentage of Conversion Formula: = (SGPA or CGPA × 10) - 5.0
	Grade Point	Percentage	
90% to 100%	10	80% and above but below 90%	9
70% and above but below 80%	8	60% and above but below 70%	7
50% and above but below 60%	6	40% and above but below 50%	5
35% and above but below 40%	4	Below 35%	Not Awarded (NA)



THE UNIVERSITY OF BURDWAN

B.SC. 3-YEAR DEGREE HONOURS FINAL EXAMINATION 2021 UNDER CBCS

GRADE CARD

Name: SURYA KANTA NANDY

Registration No. 201801044263 of 2018-19

Roll No.180340500094

B.Sc. Honours in Mathematics (CBCS)										
Semester No.	Subject	Course Code	Course Title	Grade (G)	Credit Value (V)	Grade Point (G×V)	Credit Retained Year	SGPA on the basis of		Result Code
								CCs & DSEs	All Courses	
I	MATHEMATICS	CC-1	Calculus, Geometry & Differential Equations	8	6	48	2018	8.00	7.36	Q
		CC-2	Algebra	8	6	48	2018			
	PHYSICS	GE-1	Mechanics	7	6	42	2018			
	ENVIRONMENTAL STUDIES	AECC-1	Fundamentals of Environmental Studies	6	4	24	2018			
II	MATHEMATICS	CC-3	Real Analysis	8	6	48	2019	8.50	7.70	Q
		CC-4	Differential Equations and Vector Calculus	9	6	54	2019			
	CHEMISTRY	GE-2	States of Matter & Chemical Kinetics, Chemical Bonding & Molecular Structure, P-Block Elements	7	6	42	2019			
	Communicative English/MIL	AECC-2	Communicative English	5	2	10	2019			
III	MATHEMATICS	CC-5	Theory of Real Functions & Introduction to Metric Spaces	5	6	30	2019	5.33	5.85	Q
		CC-6	Group Theory I	5	6	30	2019			
		CC-7	Numerical Methods	6	6	36	2019			
	PHYSICS	GE-3	Thermal Physics and Statistical Mechanics	7	6	42	2019			
MATHEMATICS	SEC-1	Logic and Sets	7	2	14	2019				
IV	MATHEMATICS	CC-8	Riemann Integration and Series of Functions	7	6	42	2020	7.67	7.69	Q
		CC-9	Multivariate Calculus	8	6	48	2020			
		CC-10	Ring Theory and Linear Algebra I	8	6	48	2020			
	CHEMISTRY	GE-4	Solution Phase Equilibria, Conductance, Electrochemistry, Analytical & Environmental Chemistry	8	6	48	2020			
MATHEMATICS	SEC-2	Graph Theory	7	2	14	2020				
V	MATHEMATICS	CC-11	Partial Differential Equations and Applications	9	6	54	2020	9.50	9.50	Q
		CC-12	Mechanics I	9	6	54	2020			
	MATHEMATICS	DSE-1	Linear Programming	10	6	60	2020			
		DSE-2	Probability & Statistics	10	6	60	2020			
VI	MATHEMATICS	CC-13	Metric Spaces and Complex Analysis	9	6	54	2021	9.25	9.25	Q
		CC-14	Ring Theory and Linear Algebra II	10	6	60	2021			
	MATHEMATICS	DSE-3	Project Work	9	6	54	2021			
		DSE-4	Mechanics II	9	6	54	2021			
CGPA (Cumulative Grade Point Average) on the basis of CCs & DSEs : 8.17							Letter Grade in CGPA : A+	Result : Q		
CGPA (Cumulative Grade Point Average) on the basis of All Courses : 7.87										

Date of Publication of Result: 26.08.2021

$$SGPA(S) = \frac{\sum_{i=1}^n (G_i \times V_i)}{\sum_{i=1}^n V_i} \quad CGPA = \frac{\sum_{i=1}^n (V_i \times S_i)}{\sum_{i=1}^n V_i}$$

Anindya Zoti Pal

Controller of the Examinations

Course Types	CGPA Letter Grades				Result Codes
CC – Core Course	CGPA	Letter Grade	CGPA	Letter Grade	Q - Qualified
GE – Generic Elective	9 and above	O (Outstanding)	5 to below 6	B (Average)	SNC – Semester Not Cleared
DSE – Discipline Specific Elective	8 to below 9	A+ (Excellent)	4 to below 5	P (Pass)	PNC – Programme Not Cleared [CGPA on the basis of CCs and DSEs < 5 or any one or more semester(s) are not cleared]
SEC – Skill Enhancement Course	7 to below 8	A (Very Good)	Below 4	F (Fail)	
AECC – Ability Enhancement Compulsory Course	6 to below 7	B+ (Good)			NC denotes “Not Computed” due to absence in C1, C2 and C4 as applicable.

Grade Point Norms	Percentage of Conversion Formula: = (SGPA or CGPA × 10) - 5.0		
	90% to 100%	10	80% and above but below 90%
70% and above but below 80%	8	60% and above but below 70%	7
50% and above but below 60%	6	40% and above but below 50%	5
35% and above but below 40%	4	Below 35%	Not Awarded (NA)



THE UNIVERSITY OF BURDWAN

B.SC. 3-YEAR DEGREE HONOURS FINAL EXAMINATION 2021 UNDER CBCS

GRADE CARD

Name: SUSMITA DUTTA

Registration No. 201801044264 of 2018-19

Roll No.180340500095

B.Sc. Honours in Zoology (CBCS)										
Semester No.	Subject	Course Code	Course Title	Grade (G)	Credit Value (V)	Grade Point (G×V)	Credit Retained Year	SGPA on the basis of		Result Code
								CCs & DSEs	All Courses	
I	ZOOLOGY	CC-1	Non-chordates I	7	6	42	2018	7.50	7.73	Q
		CC-2	Ecology	8	6	48	2018			
	BOTANY	GE-1	Biodiversity (Microbes, Algae, Fungi and Archeogoniatæ)	8	6	48	2018			
	ENVIRONMENTAL STUDIES	AECC-1	Fundamentals of Environmental Studies	8	4	32	2018			
II	ZOOLOGY	CC-3	Non-chordates II	8	6	48	2019	7.50	7.30	Q
		CC-4	Cell Biology	7	6	42	2019			
	CHEMISTRY	GE-2	States of Matter & Chemical Kinetics, Chemical Bonding & Molecular Structure, P-Block Elements	7	6	42	2019			
	Communicative English/MIL	AECC-2	Communicative English	7	2	14	2019			
III	ZOOLOGY	CC-5	Chordates	9	6	54	2019	7.67	8.00	Q
		CC-6	Animal Physiology: Controlling and Coordinating Systems	7	6	42	2019			
		CC-7	Fundamentals of Biochemistry	7	6	42	2019			
	BOTANY	GE-3	Plant Anatomy and Embryology	9	6	54	2019			
	ZOOLOGY	SEC-1	Apiculture	8	2	16	2019			
IV	ZOOLOGY	CC-8	Comparative Anatomy of Vertebrates	9	6	54	2020	9.00	8.92	Q
		CC-9	Animal Physiology: Life Sustaining Systems	9	6	54	2020			
		CC-10	Immunology	9	6	54	2020			
	CHEMISTRY	GE-4	Solution Phase Equilibria, Conductance, Electrochemistry, Analytical & Environmental Chemistry	9	6	54	2020			
	ZOOLOGY	SEC-2	Medical Diagnostics	8	2	16	2020			
V	ZOOLOGY	CC-11	Molecular Biology	8	6	48	2020	8.75	8.75	Q
		CC-12	Genetics	8	6	48	2020			
	ZOOLOGY	DSE-1	Animal Biotechnology	10	6	60	2020			
		DSE-2	Parasitology	9	6	54	2020			
VI	ZOOLOGY	CC-13	Developmental Biology	10	6	60	2021	10.00	10.00	Q
		CC-14	Evolutionary Biology	10	6	60	2021			
	ZOOLOGY	DSE-3	Animal Behaviour	10	6	60	2021			
		DSE-4	Endocrinology	10	6	60	2021			
CGPA (Cumulative Grade Point Average) on the basis of CCs & DSEs : 8.61							Letter Grade in CGPA : A+	Result : Q		
CGPA (Cumulative Grade Point Average) on the basis of All Courses : 8.49										

Date of Publication of Result: 26.08.2021

$$SGPA(S) = \frac{\sum_{i=1}^n (G_i \times V_i)}{\sum_{i=1}^n V_i} \quad CGPA = \frac{\sum_{i=1}^n (V_i \times S_i)}{\sum_{i=1}^n V_i}$$

Anindya Zoti Pal

Controller of the Examinations

Course Types	CGPA Letter Grades				Result Codes
CC – Core Course	CGPA	Letter Grade	CGPA	Letter Grade	Q - Qualified
GE – Generic Elective	9 and above	O (Outstanding)	5 to below 6	B (Average)	SNC – Semester Not Cleared
DSE – Discipline Specific Elective	8 to below 9	A+ (Excellent)	4 to below 5	P (Pass)	PNC – Programme Not Cleared [CGPA on the basis of CCs and DSEs < 5 or any one or more semester(s) are not cleared]
SEC – Skill Enhancement Course	7 to below 8	A (Very Good)	Below 4	F (Fail)	
AECC – Ability Enhancement Compulsory Course	6 to below 7	B+ (Good)			NC denotes “Not Computed” due to absence in C1, C2 and C4 as applicable.

Grade Point Norms	Grade Point Norms		Percentage of Conversion Formula: = (SGPA or CGPA × 10) - 5.0
	90% to 100%	10	
70% and above but below 80%	8	60% and above but below 70%	7
50% and above but below 60%	6	40% and above but below 50%	5
35% and above but below 40%	4	Below 35%	Not Awarded (NA)



THE UNIVERSITY OF BURDWAN

B.SC. 3-YEAR DEGREE HONOURS FINAL EXAMINATION 2021 UNDER CBCS

GRADE CARD

Name: SWARAJ MUKHERJEE

Registration No. 201801044266 of 2018-19

Roll No.180340500097

B.Sc. Honours in Physics (CBCS)										
Semester No.	Subject	Course Code	Course Title	Grade (G)	Credit Value (V)	Grade Point (G×V)	Credit Retained Year	SGPA on the basis of		Result Code
								CCs & DSEs	All Courses	
I	PHYSICS	CC-1	Mathematical Physics-I	6	6	36	2018	6.00	5.91	Q
		CC-2	Mechanics	6	6	36	2018			
	CHEMISTRY	GE-1	Atomic Structure, Chemical Periodicity, Acids And Bases, Redox Reactions, General Organic Chemistry & Aliphatic Hydrocarbons	5	6	30	2018			
		AECC-1	Fundamentals of Environmental Studies	7	4	28	2018			
II	PHYSICS	CC-3	Electricity and Magnetism	5	6	30	2019	6.00	6.30	Q
		CC-4	Waves and Optics	7	6	42	2019			
	MATHEMATICS	GE-2	Differential Equations	6	6	36	2019			
	Communicative English/MIL	AECC-2	Bengali	9	2	18	2019			
III	PHYSICS	CC-5	Mathematical Physics-II	7	6	42	2019	6.33	6.31	Q
		CC-6	Thermal Physics	6	6	36	2019			
		CC-7	Digital Systems and Applications	6	6	36	2019			
	CHEMISTRY	GE-3	Chemical Energetic, Equilibria, Organic Chemistry	6	6	36	2019			
PHYSICS	SEC-1	Renewable Energy and Energy Harvesting	7	2	14	2019				
IV	PHYSICS	CC-8	Mathematical Physics-III	7	6	42	2020	7.00	7.54	Q
		CC-9	Elements of Modern Physics	7	6	42	2020			
		CC-10	Analog Systems & Applications	7	6	42	2020			
	MATHEMATICS	GE-4	Algebra	9	6	54	2020			
PHYSICS	SEC-2	Electrical Circuits and Network Skills	8	2	16	2020				
V	PHYSICS	CC-11	Quantum Mechanics and Applications	9	6	54	2020	8.50	8.50	Q
		CC-12	Solid State Physics	8	6	48	2020			
	PHYSICS	DSE-1	Advanced Mathematical Physics	8	6	48	2020			
		DSE-2	Classical Dynamics	9	6	54	2020			
VI	PHYSICS	CC-13	Electromagnetic Theory	9	6	54	2021	8.50	8.50	Q
		CC-14	Statistical Mechanics	9	6	54	2021			
	PHYSICS	DSE-3	Nuclear and Particle Physics	9	6	54	2021			
		DSE-4	Astronomy and Astrophysics	7	6	42	2021			
CGPA (Cumulative Grade Point Average) on the basis of CCs & DSEs : 7.33							Letter Grade in CGPA : A	Result : Q		
CGPA (Cumulative Grade Point Average) on the basis of All Courses : 7.21										


Date of Publication of Result: 26.08.2021

$$SGPA(S) = \frac{\sum_{i=1}^n (G_i \times V_i)}{\sum_{i=1}^n V_i} \quad CGPA = \frac{\sum_{i=1}^n (V_i \times S_i)}{\sum_{i=1}^n V_i}$$

Anindya Zoti Pal

Controller of the Examinations

Course Types	CGPA Letter Grades				Result Codes
CC – Core Course	CGPA	Letter Grade	CGPA	Letter Grade	Q - Qualified
GE – Generic Elective	9 and above	O (Outstanding)	5 to below 6	B (Average)	SNC – Semester Not Cleared
DSE – Discipline Specific Elective	8 to below 9	A+ (Excellent)	4 to below 5	P (Pass)	PNC – Programme Not Cleared [CGPA on the basis of CCs and DSEs < 5 or any one or more semester(s) are not cleared]
SEC – Skill Enhancement Course	7 to below 8	A (Very Good)	Below 4	F (Fail)	
AECC – Ability Enhancement Compulsory Course	6 to below 7	B+ (Good)			NC denotes “Not Computed” due to absence in C1, C2 and C4 as applicable.

	Grade Point Norms				Percentage of Conversion Formula: = (SGPA or CGPA × 10) - 5.0 *Letter Grade in CGPA is awarded on the basis of CCs and DSEs
	90% to 100%	10	80% and above but below 90%	9	
	70% and above but below 80%	8	60% and above but below 70%	7	
	50% and above but below 60%	6	40% and above but below 50%	5	
35% and above but below 40%	4	Below 35%	Not Awarded (NA)		



THE UNIVERSITY OF BURDWAN

B.SC. 3-YEAR DEGREE HONOURS FINAL EXAMINATION 2021 UNDER CBCS GRADE CARD

Name: **SWARNALI BARMAN**Registration No. **201801044267** of 2018-19Roll No. **180340500098**

B.Sc. Honours in Botany (CBCS)										
Semester No.	Subject	Course Code	Course Title	Grade (G)	Credit Value (V)	Grade Point (G×V)	Credit Retained Year	SGPA on the basis of		Result Code
								CCs & DSEs	All Courses	
I	BOTANY	CC-1	Microbiology and Phycology	7	6	42	2018	7.50	7.09	Q
		CC-2	Archegoniatae	8	6	48	2018			
	ZOOLOGY	GE-1	Animal Diversity	7	6	42	2018			
	ENVIRONMENTAL STUDIES	AECC-1	Fundamentals of Environmental Studies	6	4	24	2018			
II	BOTANY	CC-3	Mycology and Phytopathology	7	6	42	2019	7.50	7.50	Q
		CC-4	Morphology and Anatomy of Angiosperms	8	6	48	2019			
	CHEMISTRY	GE-2	States of Matter & Chemical Kinetics, Chemical Bonding & Molecular Structure, P-Block Elements	7	6	42	2019			
	Communicative English/MIL	AECC-2	Communicative English	9	2	18	2019			
III	BOTANY	CC-5	Plant Ecology and Phytogeography	9	6	54	2019	8.33	7.85	Q
		CC-6	Plant Systematics	8	6	48	2019			
		CC-7	Economic Botany	8	6	48	2019			
	ZOOLOGY	GE-3	Physiology and Biochemistry	6	6	36	2019			
	BOTANY	SEC-1	Mushroom Culture Technology	9	2	18	2019			
IV	BOTANY	CC-8	Palaeobotany & Palynology	9	6	54	2020	9.00	9.00	Q
		CC-9	Biomolecules and Cell Biology	9	6	54	2020			
		CC-10	Molecular Biology	9	6	54	2020			
	CHEMISTRY	GE-4	Solution Phase Equilibria, Conductance, Electrochemistry, Analytical & Environmental Chemistry	9	6	54	2020			
	BOTANY	SEC-2	Herbal Technology	9	2	18	2020			
V	BOTANY	CC-11	Plant Physiology	9	6	54	2020	9.75	9.75	Q
		CC-12	Plant Metabolism	10	6	60	2020			
	BOTANY	DSE-1	Reproductive Biology of Angiosperms	10	6	60	2020			
		DSE-2	Biostatistics	10	6	60	2020			
VI	BOTANY	CC-13	Genetics & Plant Breeding	9	6	54	2021	9.00	9.00	Q
		CC-14	Plant Biotechnology	9	6	54	2021			
	BOTANY	DSE-3	Plant Evolution & Biodiversity	9	6	54	2021			
		DSE-4	Industrial and Environmental Microbiology	9	6	54	2021			
CGPA (Cumulative Grade Point Average) on the basis of CCs & DSEs : 8.72							Letter Grade in CGPA : A+		Result : Q	
CGPA (Cumulative Grade Point Average) on the basis of All Courses : 8.41										

Date of Publication of Result: 26.08.2021

$$SGPA(S) = \frac{\sum_{i=1}^n (G_i \times V_i)}{\sum_{i=1}^n V_i} \quad CGPA = \frac{\sum_{i=1}^n (V_i \times S_i)}{\sum_{i=1}^n V_i}$$

Anindya Zoti Pal

Controller of the Examinations

Course Types	CGPA Letter Grades				Result Codes
CC – Core Course	CGPA	Letter Grade	CGPA	Letter Grade	Q - Qualified
GE – Generic Elective	9 and above	O (Outstanding)	5 to below 6	B (Average)	SNC – Semester Not Cleared
DSE – Discipline Specific Elective	8 to below 9	A+ (Excellent)	4 to below 5	P (Pass)	PNC – Programme Not Cleared [CGPA on the basis of CCs and DSEs < 5 or any one or more semester(s) are not cleared]
SEC – Skill Enhancement Course	7 to below 8	A (Very Good)	Below 4	F (Fail)	
AECC – Ability Enhancement Compulsory Course	6 to below 7	B+ (Good)			NC denotes “Not Computed” due to absence in C1, C2 and C4 as applicable.

Grade Point Norms	Percentage of Conversion Formula: = (SGPA or CGPA × 10) - 5.0		
	90% to 100%	10	80% and above but below 90%
70% and above but below 80%	8	60% and above but below 70%	7
50% and above but below 60%	6	40% and above but below 50%	5
35% and above but below 40%	4	Below 35%	Not Awarded (NA)



THE UNIVERSITY OF BURDWAN

B.SC. 3-YEAR DEGREE HONOURS FINAL EXAMINATION 2021 UNDER CBCS GRADE CARD

Name: SWEETA KAHAR

Registration No. 201801044268 of 2018-19

Roll No.180340500099

B.Sc. Honours in Zoology (CBCS)										
Semester No.	Subject	Course Code	Course Title	Grade (G)	Credit Value (V)	Grade Point (G×V)	Credit Retained Year	SGPA on the basis of		Result Code
								CCs & DSEs	All Courses	
I	ZOOLOGY	CC-1	Non-chordates I	9	6	54	2018	8.50	7.82	Q
		CC-2	Ecology	8	6	48	2018			
	BOTANY	GE-1	Biodiversity (Microbes, Algae, Fungi and Archeogoniatae)	7	6	42	2018			
	ENVIRONMENTAL STUDIES	AECC-1	Fundamentals of Environmental Studies	7	4	28	2018			
II	ZOOLOGY	CC-3	Non-chordates II	8	6	48	2019	7.50	7.00	Q
		CC-4	Cell Biology	7	6	42	2019			
	CHEMISTRY	GE-2	States of Matter & Chemical Kinetics, Chemical Bonding & Molecular Structure, P-Block Elements	6	6	36	2019			
	Communicative English/MIL	AECC-2	Communicative English	7	2	14	2019			
III	ZOOLOGY	CC-5	Chordates	9	6	54	2019	8.67	8.46	Q
		CC-6	Animal Physiology: Controlling and Coordinating Systems	9	6	54	2019			
		CC-7	Fundamentals of Biochemistry	8	6	48	2019			
	BOTANY	GE-3	Plant Anatomy and Embryology	8	6	48	2019			
	ZOOLOGY	SEC-1	Apiculture	8	2	16	2019			
IV	ZOOLOGY	CC-8	Comparative Anatomy of Vertebrates	9	6	54	2020	9.33	9.23	Q
		CC-9	Animal Physiology: Life Sustaining Systems	10	6	60	2020			
		CC-10	Immunology	9	6	54	2020			
	CHEMISTRY	GE-4	Solution Phase Equilibria, Conductance, Electrochemistry, Analytical & Environmental Chemistry	9	6	54	2020			
	ZOOLOGY	SEC-2	Medical Diagnostics	9	2	18	2020			
V	ZOOLOGY	CC-11	Molecular Biology	9	6	54	2020	9.25	9.25	Q
		CC-12	Genetics	9	6	54	2020			
	ZOOLOGY	DSE-1	Animal Biotechnology	10	6	60	2020			
		DSE-2	Parasitology	9	6	54	2020			
VI	ZOOLOGY	CC-13	Developmental Biology	10	6	60	2021	10.00	10.00	Q
		CC-14	Evolutionary Biology	10	6	60	2021			
	ZOOLOGY	DSE-3	Animal Behaviour	10	6	60	2021			
		DSE-4	Endocrinology	10	6	60	2021			
CGPA (Cumulative Grade Point Average) on the basis of CCs & DSEs : 9.06							Letter Grade in CGPA : O	Result : Q		
CGPA (Cumulative Grade Point Average) on the basis of All Courses : 8.69										


Date of Publication of Result: 26.08.2021

$$SGPA(S) = \frac{\sum_{i=1}^n (G_i \times V_i)}{\sum_{i=1}^n V_i} \quad CGPA = \frac{\sum_{i=1}^n (V_i \times S_i)}{\sum_{i=1}^n V_i}$$

Anindya Zoti Pal

Controller of the Examinations

Course Types	CGPA Letter Grades				Result Codes
CC – Core Course	CGPA	Letter Grade	CGPA	Letter Grade	Q - Qualified
GE – Generic Elective	9 and above	O (Outstanding)	5 to below 6	B (Average)	SNC – Semester Not Cleared
DSE – Discipline Specific Elective	8 to below 9	A+ (Excellent)	4 to below 5	P (Pass)	PNC – Programme Not Cleared [CGPA on the basis of CCs and DSEs < 5 or any one or more semester(s) are not cleared]
SEC – Skill Enhancement Course	7 to below 8	A (Very Good)	Below 4	F (Fail)	
AECC – Ability Enhancement Compulsory Course	6 to below 7	B+ (Good)			NC denotes “Not Computed” due to absence in C1, C2 and C4 as applicable.

	Grade Point Norms				Percentage of Conversion Formula: = (SGPA or CGPA × 10) - 5.0 *Letter Grade in CGPA is awarded on the basis of CCs and DSEs
	90% to 100%	10	80% and above but below 90%	9	
	70% and above but below 80%	8	60% and above but below 70%	7	
	50% and above but below 60%	6	40% and above but below 50%	5	
	35% and above but below 40%	4	Below 35%	Not Awarded (NA)	



THE UNIVERSITY OF BURDWAN

B.SC. 3-YEAR DEGREE HONOURS FINAL EXAMINATION 2021 UNDER CBCS GRADE CARD

Name: **TIRTHARAJ PAUL**Registration No. **201801044270** of 2018-19Roll No. **180340500101**

B.Sc. Honours in Botany (CBCS)										
Semester No.	Subject	Course Code	Course Title	Grade (G)	Credit Value (V)	Grade Point (G×V)	Credit Retained Year	SGPA on the basis of		Result Code
								CCs & DSEs	All Courses	
I	BOTANY	CC-1	Microbiology and Phycology	8	6	48	2018	7.50	7.09	Q
		CC-2	Archegoniatae	7	6	42	2018			
	ZOOLOGY	GE-1	Animal Diversity	7	6	42	2018			
	ENVIRONMENTAL STUDIES	AECC-1	Fundamentals of Environmental Studies	6	4	24	2018			
II	BOTANY	CC-3	Mycology and Phytopathology	8	6	48	2019	8.50	7.60	Q
		CC-4	Morphology and Anatomy of Angiosperms	9	6	54	2019			
	CHEMISTRY	GE-2	States of Matter & Chemical Kinetics, Chemical Bonding & Molecular Structure, P-Block Elements	6	6	36	2019			
	Communicative English/MIL	AECC-2	Communicative English	7	2	14	2019			
III	BOTANY	CC-5	Plant Ecology and Phytogeography	9	6	54	2019	8.67	8.08	Q
		CC-6	Plant Systematics	8	6	48	2019			
		CC-7	Economic Botany	9	6	54	2019			
	ZOOLOGY	GE-3	Physiology and Biochemistry	6	6	36	2019			
	BOTANY	SEC-1	Mushroom Culture Technology	9	2	18	2019			
IV	BOTANY	CC-8	Palaeobotany & Palynology	10	6	60	2020	9.67	9.46	Q
		CC-9	Biomolecules and Cell Biology	10	6	60	2020			
		CC-10	Molecular Biology	9	6	54	2020			
	CHEMISTRY	GE-4	Solution Phase Equilibria, Conductance, Electrochemistry, Analytical & Environmental Chemistry	9	6	54	2020			
	BOTANY	SEC-2	Herbal Technology	9	2	18	2020			
V	BOTANY	CC-11	Plant Physiology	9	6	54	2020	9.75	9.75	Q
		CC-12	Plant Metabolism	10	6	60	2020			
	BOTANY	DSE-1	Reproductive Biology of Angiosperms	10	6	60	2020			
		DSE-2	Biostatistics	10	6	60	2020			
VI	BOTANY	CC-13	Genetics & Plant Breeding	10	6	60	2021	9.75	9.75	Q
		CC-14	Plant Biotechnology	10	6	60	2021			
	BOTANY	DSE-3	Plant Evolution & Biodiversity	10	6	60	2021			
		DSE-4	Industrial and Environmental Microbiology	9	6	54	2021			
CGPA (Cumulative Grade Point Average) on the basis of CCs & DSEs : 9.17							Letter Grade in CGPA : O	Result : Q		
CGPA (Cumulative Grade Point Average) on the basis of All Courses : 8.68										

Date of Publication of Result: 26.08.2021

$$SGPA(S) = \frac{\sum_{i=1}^n (G_i \times V_i)}{\sum_{i=1}^n V_i} \quad CGPA = \frac{\sum_{i=1}^n (V_i \times S_i)}{\sum_{i=1}^n V_i}$$

Anindya Zoti Pal

Controller of the Examinations

Course Types	CGPA Letter Grades				Result Codes
CC – Core Course	CGPA	Letter Grade	CGPA	Letter Grade	Q - Qualified
GE – Generic Elective	9 and above	O (Outstanding)	5 to below 6	B (Average)	SNC – Semester Not Cleared
DSE – Discipline Specific Elective	8 to below 9	A+ (Excellent)	4 to below 5	P (Pass)	PNC – Programme Not Cleared [CGPA on the basis of CCs and DSEs < 5 or any one or more semester(s) are not cleared]
SEC – Skill Enhancement Course	7 to below 8	A (Very Good)	Below 4	F (Fail)	
AECC – Ability Enhancement Compulsory Course	6 to below 7	B+ (Good)			NC denotes “Not Computed” due to absence in C1, C2 and C4 as applicable.

Grade Point Norms	Percentage of Conversion Formula: = (SGPA or CGPA × 10) - 5.0		
	90% to 100%	10	80% and above but below 90%
70% and above but below 80%	8	60% and above but below 70%	7
50% and above but below 60%	6	40% and above but below 50%	5
35% and above but below 40%	4	Below 35%	Not Awarded (NA)



THE UNIVERSITY OF BURDWAN

B.SC. 3-YEAR DEGREE HONOURS FINAL EXAMINATION 2021 UNDER CBCS GRADE CARD

Name: **TITIR MUKHERJEE**Registration No. **201801044271** of 2018-19Roll No. **180340500102**

B.Sc. Honours in Botany (CBCS)										
Semester No.	Subject	Course Code	Course Title	Grade (G)	Credit Value (V)	Grade Point (G×V)	Credit Retained Year	SGPA on the basis of		Result Code
								CCs & DSEs	All Courses	
I	BOTANY	CC-1	Microbiology and Phycology	7	6	42	2018	7.00	6.55	Q
		CC-2	Archegoniatae	7	6	42	2018			
	ZOOLOGY	GE-1	Animal Diversity	6	6	36	2018			
	ENVIRONMENTAL STUDIES	AECC-1	Fundamentals of Environmental Studies	6	4	24	2018			
II	BOTANY	CC-3	Mycology and Phytopathology	6	6	36	2019	6.00	6.10	Q
		CC-4	Morphology and Anatomy of Angiosperms	6	6	36	2019			
	CHEMISTRY	GE-2	States of Matter & Chemical Kinetics, Chemical Bonding & Molecular Structure, P-Block Elements	6	6	36	2019			
	Communicative English/MIL	AECC-2	Communicative English	7	2	14	2019			
III	BOTANY	CC-5	Plant Ecology and Phytogeography	8	6	48	2019	8.00	7.69	Q
		CC-6	Plant Systematics	8	6	48	2019			
		CC-7	Economic Botany	8	6	48	2019			
	ZOOLOGY	GE-3	Physiology and Biochemistry	6	6	36	2019			
	BOTANY	SEC-1	Mushroom Culture Technology	10	2	20	2019			
IV	BOTANY	CC-8	Palaeobotany & Palynology	9	6	54	2020	9.00	9.00	Q
		CC-9	Biomolecules and Cell Biology	9	6	54	2020			
		CC-10	Molecular Biology	9	6	54	2020			
	CHEMISTRY	GE-4	Solution Phase Equilibria, Conductance, Electrochemistry, Analytical & Environmental Chemistry	9	6	54	2020			
	BOTANY	SEC-2	Herbal Technology	9	2	18	2020			
V	BOTANY	CC-11	Plant Physiology	9	6	54	2020	9.75	9.75	Q
		CC-12	Plant Metabolism	10	6	60	2020			
	BOTANY	DSE-1	Reproductive Biology of Angiosperms	10	6	60	2020			
		DSE-2	Biostatistics	10	6	60	2020			
VI	BOTANY	CC-13	Genetics & Plant Breeding	10	6	60	2021	9.75	9.75	Q
		CC-14	Plant Biotechnology	10	6	60	2021			
	BOTANY	DSE-3	Plant Evolution & Biodiversity	10	6	60	2021			
		DSE-4	Industrial and Environmental Microbiology	9	6	54	2021			
CGPA (Cumulative Grade Point Average) on the basis of CCs & DSEs : 8.61							Letter Grade in CGPA : A+	Result : Q		
CGPA (Cumulative Grade Point Average) on the basis of All Courses : 8.23										


Date of Publication of Result: 26.08.2021

$$SGPA(S) = \frac{\sum_{i=1}^n (G_i \times V_i)}{\sum_{i=1}^n V_i} \quad CGPA = \frac{\sum_{i=1}^n (V_i \times S_i)}{\sum_{i=1}^n V_i}$$

Anindya Zoti Pal

Controller of the Examinations

Course Types	CGPA Letter Grades				Result Codes
CC – Core Course	CGPA	Letter Grade	CGPA	Letter Grade	Q - Qualified
GE – Generic Elective	9 and above	O (Outstanding)	5 to below 6	B (Average)	SNC – Semester Not Cleared
DSE – Discipline Specific Elective	8 to below 9	A+ (Excellent)	4 to below 5	P (Pass)	PNC – Programme Not Cleared [CGPA on the basis of CCs and DSEs < 5 or any one or more semester(s) are not cleared]
SEC – Skill Enhancement Course	7 to below 8	A (Very Good)	Below 4	F (Fail)	
AECC – Ability Enhancement Compulsory Course	6 to below 7	B+ (Good)			NC denotes “Not Computed” due to absence in C1, C2 and C4 as applicable.

	Grade Point Norms				Percentage of Conversion Formula: = (SGPA or CGPA × 10) - 5.0 *Letter Grade in CGPA is awarded on the basis of CCs and DSEs
	90% to 100%	10	80% and above but below 90%	9	
	70% and above but below 80%	8	60% and above but below 70%	7	
	50% and above but below 60%	6	40% and above but below 50%	5	
	35% and above but below 40%	4	Below 35%	Not Awarded (NA)	



THE UNIVERSITY OF BURDWAN

B.SC. 3-YEAR DEGREE HONOURS FINAL EXAMINATION 2021 UNDER CBCS GRADE CARD

Name: **TIYASHA PURKAIT**Registration No. **201801044272** of 2018-19Roll No. **180340500103**

B.Sc. Honours in Chemistry (CBCS)										
Semester No.	Subject	Course Code	Course Title	Grade (G)	Credit Value (V)	Grade Point (G×V)	Credit Retained Year	SGPA on the basis of		Result Code
								CCs & DSEs	All Courses	
I	CHEMISTRY	CC-1	Organic Chemistry-I	7	6	42	2018	7.50	7.00	Q
		CC-2	Physical Chemistry-I	8	6	48	2018			
	MATHEMATICS	GE-1	Differential Calculus	6	6	36	2018			
	ENVIRONMENTAL STUDIES	AECC-1	Fundamentals of Environmental Studies	7	4	28	2018			
II	CHEMISTRY	CC-3	Inorganic Chemistry-I	8	6	48	2019	7.50	7.60	Q
		CC-4	Organic Chemistry-II	7	6	42	2019			
	PHYSICS	GE-2	Electricity and Magnetism	8	6	48	2019			
	Communicative English/MIL	AECC-2	Communicative English	7	2	14	2019			
III	CHEMISTRY	CC-5	Physical Chemistry-II	8	6	48	2019	8.33	8.08	Q
		CC-6	Inorganic Chemistry-II	9	6	54	2019			
		CC-7	Organic Chemistry-III	8	6	48	2019			
	MATHEMATICS	GE-3	Real Analysis	7	6	42	2019			
	CHEMISTRY	SEC-1	Basic Analytical Chemistry	9	2	18	2019			
IV	CHEMISTRY	CC-8	Physical Chemistry-III	9	6	54	2020	9.00	8.77	Q
		CC-9	Inorganic Chemistry-III	9	6	54	2020			
		CC-10	Organic Chemistry - IV	9	6	54	2020			
	PHYSICS	GE-4	Waves and Optics	8	6	48	2020			
	CHEMISTRY	SEC-2	Analytical Clinical Biochemistry	9	2	18	2020			
V	CHEMISTRY	CC-11	Inorganic Chemistry-IV	8	6	48	2020	9.25	9.25	Q
		CC-12	Organic Chemistry-V	9	6	54	2020			
	CHEMISTRY	DSE-1	Advanced Physical Chemistry	10	6	60	2020			
		DSE-2	Analytical Methods in Chemistry	10	6	60	2020			
VI	CHEMISTRY	CC-13	Inorganic Chemistry-V	10	6	60	2021	9.75	9.75	Q
		CC-14	Physical Chemistry-IV	10	6	60	2021			
	CHEMISTRY	DSE-3	Polymer Chemistry	10	6	60	2021			
		DSE-4	Dissertation Followed by Power Point Presentation	9	6	54	2021			
CGPA (Cumulative Grade Point Average) on the basis of CCs & DSEs : 8.78							Letter Grade in CGPA : A+	Result : Q		
CGPA (Cumulative Grade Point Average) on the basis of All Courses : 8.45										

Date of Publication of Result: 26.08.2021

$$SGPA(S) = \frac{\sum_{i=1}^n (G_i \times V_i)}{\sum_{i=1}^n V_i} \quad CGPA = \frac{\sum_{i=1}^n (V_i \times S_i)}{\sum_{i=1}^n V_i}$$

Anindya Zoti Pal

Controller of the Examinations

Course Types	CGPA Letter Grades				Result Codes
CC – Core Course	CGPA	Letter Grade	CGPA	Letter Grade	Q - Qualified
GE – Generic Elective	9 and above	O (Outstanding)	5 to below 6	B (Average)	SNC – Semester Not Cleared
DSE – Discipline Specific Elective	8 to below 9	A+ (Excellent)	4 to below 5	P (Pass)	PNC – Programme Not Cleared [CGPA on the basis of CCs and DSEs < 5 or any one or more semester(s) are not cleared]
SEC – Skill Enhancement Course	7 to below 8	A (Very Good)	Below 4	F (Fail)	
AECC – Ability Enhancement Compulsory Course	6 to below 7	B+ (Good)			NC denotes “Not Computed” due to absence in C1, C2 and C4 as applicable.

	Grade Point Norms				Percentage of Conversion Formula: = (SGPA or CGPA × 10) - 5.0 *Letter Grade in CGPA is awarded on the basis of CCs and DSEs
	90% to 100%	10	80% and above but below 90%	9	
	70% and above but below 80%	8	60% and above but below 70%	7	
	50% and above but below 60%	6	40% and above but below 50%	5	
	35% and above but below 40%	4	Below 35%	Not Awarded (NA)	



THE UNIVERSITY OF BURDWAN

B.SC. 3-YEAR DEGREE HONOURS FINAL EXAMINATION 2021 UNDER CBCS GRADE CARD

Name: **TRISHA GHOSH**Registration No. **201801044273** of 2018-19Roll No. **180340500104**

B.Sc. Honours in Botany (CBCS)										
Semester No.	Subject	Course Code	Course Title	Grade (G)	Credit Value (V)	Grade Point (G×V)	Credit Retained Year	SGPA on the basis of		Result Code
								CCs & DSEs	All Courses	
I	BOTANY	CC-1	Microbiology and Phycology	7	6	42	2018	7.00	7.00	Q
		CC-2	Archegoniatae	7	6	42	2018			
	ZOOLOGY	GE-1	Animal Diversity	7	6	42	2018			
	ENVIRONMENTAL STUDIES	AECC-1	Fundamentals of Environmental Studies	7	4	28	2018			
II	BOTANY	CC-3	Mycology and Phytopathology	6	6	36	2019	7.00	6.80	Q
		CC-4	Morphology and Anatomy of Angiosperms	8	6	48	2019			
	CHEMISTRY	GE-2	States of Matter & Chemical Kinetics, Chemical Bonding & Molecular Structure, P-Block Elements	6	6	36	2019			
	Communicative English/MIL	AECC-2	Communicative English	8	2	16	2019			
III	BOTANY	CC-5	Plant Ecology and Phytogeography	8	6	48	2019	7.67	7.15	Q
		CC-6	Plant Systematics	7	6	42	2019			
		CC-7	Economic Botany	8	6	48	2019			
	ZOOLOGY	GE-3	Physiology and Biochemistry	5	6	30	2019			
	BOTANY	SEC-1	Mushroom Culture Technology	9	2	18	2019			
IV	BOTANY	CC-8	Palaeobotany & Palynology	9	6	54	2020	9.00	8.69	Q
		CC-9	Biomolecules and Cell Biology	9	6	54	2020			
		CC-10	Molecular Biology	9	6	54	2020			
	CHEMISTRY	GE-4	Solution Phase Equilibria, Conductance, Electrochemistry, Analytical & Environmental Chemistry	8	6	48	2020			
	BOTANY	SEC-2	Herbal Technology	8	2	16	2020			
V	BOTANY	CC-11	Plant Physiology	9	6	54	2020	9.50	9.50	Q
		CC-12	Plant Metabolism	9	6	54	2020			
	BOTANY	DSE-1	Reproductive Biology of Angiosperms	10	6	60	2020			
		DSE-2	Biostatistics	10	6	60	2020			
VI	BOTANY	CC-13	Genetics & Plant Breeding	9	6	54	2021	9.25	9.25	Q
		CC-14	Plant Biotechnology	10	6	60	2021			
	BOTANY	DSE-3	Plant Evolution & Biodiversity	9	6	54	2021			
		DSE-4	Industrial and Environmental Microbiology	9	6	54	2021			
CGPA (Cumulative Grade Point Average) on the basis of CCs & DSEs : 8.50							Letter Grade in CGPA : A+	Result : Q		
CGPA (Cumulative Grade Point Average) on the basis of All Courses : 8.11										

Date of Publication of Result: 26.08.2021

$$SGPA(S) = \frac{\sum_{i=1}^n (G_i \times V_i)}{\sum_{i=1}^n V_i} \quad CGPA = \frac{\sum_{i=1}^n (V_i \times S_i)}{\sum_{i=1}^n V_i}$$

Anindya Zoti Pal

Controller of the Examinations

Course Types	CGPA Letter Grades				Result Codes
CC – Core Course	CGPA	Letter Grade	CGPA	Letter Grade	Q - Qualified
GE – Generic Elective	9 and above	O (Outstanding)	5 to below 6	B (Average)	SNC – Semester Not Cleared
DSE – Discipline Specific Elective	8 to below 9	A+ (Excellent)	4 to below 5	P (Pass)	PNC – Programme Not Cleared [CGPA on the basis of CCs and DSEs < 5 or any one or more semester(s) are not cleared]
SEC – Skill Enhancement Course	7 to below 8	A (Very Good)	Below 4	F (Fail)	
AECC – Ability Enhancement Compulsory Course	6 to below 7	B+ (Good)			NC denotes “Not Computed” due to absence in C1, C2 and C4 as applicable.

Grade Point Norms	Percentage of Conversion Formula: = (SGPA or CGPA × 10) - 5.0		
	90% to 100%	10	80% and above but below 90%
70% and above but below 80%	8	60% and above but below 70%	7
50% and above but below 60%	6	40% and above but below 50%	5
35% and above but below 40%	4	Below 35%	Not Awarded (NA)